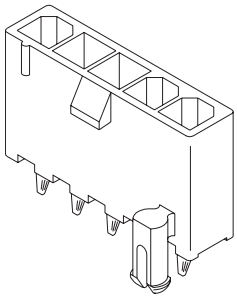
Jameco Part Number 1968814

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5566
Vertical, Single Row With Pegs



Features and Benefits
- Positive housing locks to mate with Mini-Fit Jr. single row receptacles 5557
- Fully isolated terminals to protect contacts from damage
- Peg-mounted vertical headers for increased board retention
- Drain holes are standard to allow washing of PCB after processing (contact Molex for headers without drain holes)

Reference Information
Packaging: Tube or bag
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 single row receptacle
PCB Thickness: 1.60mm (.062")
Process: Wave solder
Designed In: Millimeters

Electrical
Voltage: 600V
Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms min.

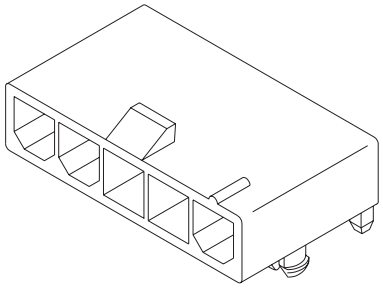
Mechanical
Insertion Force to PCB: 5.0kg max.
Durability: 30 cycles

Physical
Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass or Phosphor Bronze
Plating: Tin or Select Gold
Underplating: Nickel
Operating Temperature: -40 to +105°C

Circuits	Order No.				Lead-free
	Tin Plated		Select Gold Plated (30µ")		
	94V-2	94V-0	94V-2	94V-0	
3	39-30-5039	39-30-6030	39-30-2037	39-30-2038	Yes
4	39-30-5049	50-30-4466	39-30-2047	39-30-2048	
5		50-30-4467		39-30-2058	

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5569
Right Angle, Single Row With Pegs



Features and Benefits
- Pegs provide increased board retention
- Ideal for low profile power applications
- Positive housing locks to mate with Mini-Fit Jr. single row receptacles 5557
- Fully isolated terminals to protect contacts from damage

Reference Information
Packaging: Tray or bag
UL File No.: E29179
CSA File No.: LR19980
Mates With: 5557 single row receptacle
TUV License No.: R75142
PCB Thickness: 1.60mm (.062")
Process: Wave solder
Designed In: Millimeters

Electrical
Voltage: 600V
Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A
45750	12.0A	12.0A	12.0A	11.0A

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical
Insertion Force to PCB: 5.0kg max.
Durability: 30 cycles

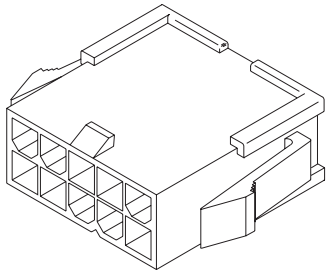
Physical
Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass
Plating: Tin or Select Gold
Underplating: Nickel
Operating Temperature: -40 to +105°C

Circuits	Order No.				Lead-free
	Tin Plated		Select Gold Plated		
	94V-2	94V-0	94V-2	94V-0	
3	39-30-7031	39-30-7032	39-30-4031	39-30-4032	Yes
4	39-30-7041	39-30-7042	50-30-4438	50-30-4441	
5	39-30-7051	39-30-7052	50-30-4439	50-30-4442	

4.20mm (.165") Pitch Mini-Fit Jr.™ Plug

5559

Dual Row
With and without Panel Mount Ears



Features and Benefits
- Wire-to-wire plug for panel-mounted or free-hanging applications
- Positive housing locks to mate with Mini-Fit Jr. receptacle
- Fully isolated terminals to protect contacts from damage

Reference Information
Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 dual row receptacle
Use With: 5558, 30490, 46134 or 46012 terminals
Panel Thickness: .079 to 2.00mm (.031 to 0.80")
Designed In: Millimeters

Mechanical
Contact Insertion Force: 1.5kg max.
Contact Retention to Housing: 3.0kg min.

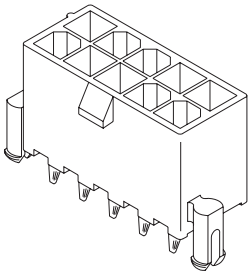
Physical
Housing: 6/6 nylon, UL 94V-2 or 94V-0
Operating Temperature: -40 to +105˚C

Circuits	Order No.			
	Panel Mount		Free Hanging	
	94V-2	94V-0	94V-2	94V-0
2	39-01-2021	39-01-2026	39-01-3023	39-01-3029
4	39-01-2041	39-01-2046	39-01-3043	39-01-3049
6	39-01-2061	39-01-2066	39-01-3063	39-01-3069
8	39-01-2081	39-01-2086	39-01-3083	39-01-3089
10	39-01-2101	39-01-2106	39-01-3103	39-01-3109
12	39-01-2121	39-01-2126	39-01-3123	39-01-3129
14	39-01-2141	39-01-2146	39-01-3143	39-01-3149
16	39-01-2161	39-01-2166	39-01-3163	39-01-3169
18	39-01-2181		39-01-3183	
20	39-01-2201			
22	39-01-2221			
24	39-01-2241	39-01-2246		

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5566

Vertical, Dual Row
With Pegs, with Drain Holes



Features and Benefits
- Board-mounting pegs provide polarization during placement on the PCB and increased retention during soldering process
- Positive housing locks to mate with Mini-Fit Jr. receptacle
- Fully isolated terminals to protect contacts from damage
- Drain holes are standard to allow washing of PCB after processing (contact Molex for headers without drain holes)

Reference Information
Packaging: Tray or tube
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 dual row receptacles
PCB Thickness: 1.60mm (.062")
Process: Wave solder
Designed In: Millimeters

Electrical
Voltage: 600V
Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms min.

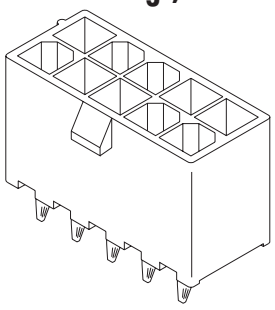
Mechanical
Insertion Force to PCB: 5.0kg max.
Durability: 30 cycles

Physical
Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass
Plating: Tin or Select Gold
Underplating: Nickel
Operating Temperature: -40 to +105˚C

Circuits	Order No.				Lead-free
	Tin Plated		Gold Plated (30µ")		
	94V-2	94V-0	94V-2	94V-0	
2	39-30-6027	39-30-6028	39-29-9024	39-28-9028	Yes
4	39-30-6047	39-30-6048	39-29-9044	39-28-9048	
6	39-30-6067	39-30-6068	39-29-9064	39-28-9068	
8	39-30-6087	39-30-6088	39-29-9084	39-28-9088	
10	39-30-6107	39-30-6108	39-29-9104	39-28-9108	
12	39-30-6127	39-30-6128	39-29-9124	39-28-9128	
14	39-30-6147	39-30-6148	39-29-9144	39-28-9148	
16	39-30-6167	39-30-6168	39-29-9164	39-28-9168	
18	39-30-6187	39-30-6188	39-29-9184	39-28-9188	
20	39-30-6207	39-30-6208	39-29-9204	39-28-9208	
22	39-30-6227	39-30-6228	39-29-9224		
24	39-30-6247	39-30-6248	39-29-9244	39-28-9248	

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5566
Vertical, Dual Row Without Pegs, without Drain Holes



Features and Benefits
- Positive housing locks to mate with Mini-Fit Jr. receptacle
- Fully isolated terminals to protect contacts from damage
- Drain hole option available, contact Molex

Reference Information
Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 dual row receptacles
PCB Thickness: 1.60mm (.062")
Process: Wave solder
Designed In: Millimeters

Electrical
Voltage: 600V
Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical
Insertion Force to PCB: 5.0kg max.
Durability: 30 cycles

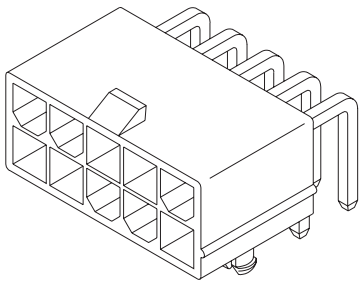
Physical
Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass or Phosphor Bronze
Plating: Tin
Underplating: Copper
Operating Temperature: -40 to +105˚C

Circuits	Order No.		Lead-free
	94V-2	94V-0	
2	39-28-1023	39-28-8020	Yes
4	39-28-1043	39-28-8040	
6	39-28-1063	39-28-8060	
8	39-28-1083	39-28-8080	
10	39-28-1103	39-28-8100	
12	39-28-1123	39-28-8120	

Circuits	Order No.		Lead-free
	94V-2	94V-0	
14	39-28-1143	39-28-8140	Yes
16	39-28-1163	39-28-8160	
18	39-28-1183	39-28-8180	
20	39-28-1203	39-28-8200	
22	39-28-1223	39-28-8220	
24	39-28-1243	39-28-8240	

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5569
Right Angle, Dual Row with Pegs



Features and Benefits
- Board mounting pegs provide polarization during placement on PCB and increased board retention during solder processing
- Low profile for space constraints
- Positive housing locks
- Fully isolated terminals to protect contacts from damage

Reference Information
Packaging: Tray
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 dual row receptacles
PCB Thickness: 1.60mm (.062")
Process: Wave Solder
Designed In: Millimeters

Electrical
Voltage: 600V
Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A
45750	12.0A	12.0A	12.0A	11.0A

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical
Insertion Force to PCB: 5.0kg max.
Durability: 30 cycles

Physical
Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass
Plating: Tin or Select Gold
Underplating: Nickel
Operating Temperature: -40 to +105˚C

Circuits	Order No.				Lead-free
	Tin Plated		Select Gold Plated (30µ")		
	94V-2	94V-0	94V-2	94V-0	
2	39-30-7025	39-30-7026	39-30-0023	39-30-0024	Yes
4	39-30-7045	39-30-7046	39-30-0043	39-30-0044	
6	39-30-7065	39-30-7066	39-30-0063	39-30-0064	
8	39-30-7085	39-30-7086	39-30-0083	39-30-0084	
10	39-30-7105	39-30-7106	39-30-0103	39-30-0104	
12	39-30-7125	39-30-7126	39-30-0123	39-30-0124	
14	39-30-7145	39-30-7146	39-30-0143	39-30-0144	
16	39-30-7165	39-30-7166	39-30-0163	39-30-0164	
18	39-30-7185		39-30-0183		
20	39-30-7205	39-30-7206	39-30-0203	39-30-0204	
22	39-30-7225				
24	39-30-7245	39-30-7246	39-30-0243	39-30-0244	

【1．適用範囲　SCOPE】

本仕様書は、＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿殿 に納入する
NEW MINI FIT CONNECTOR について規定する。
This specification covers the NEW MINI FIT CONNECTOR series

【2．製品名称及び型番　PRODUCT NAME AND PART NUMBER】

製　品　名　称 Product Name	製　品　型　番 Part Number
リセターミナル (AWG#18～#28) REC. Terminal (AWG#18～#28)	５５５６T(L)、T２(L)
プラグターミナル (AWG#18～#28) PLUG Terminal (AWG#18～#28)	５５５８T(L)、T２(L)
リセハウジング (UL 94V-2) REC. Housing (UL 94V-2)	５５５７－NR
リセハウジング (UL 94V-0) REC. Housing (UL 94V-0)	５５５７－NR－２１０
プラグハウジング (UL 94V-2) PLUG Housing (UL 94V-2)	５５５９－NP
プラグハウジング (UL 94V-0) PLUG Housing (UL 94V-0)	５５５９－NP－２１０
ヘッダー アッセンブリ (UL 94V-2) Header Assembly (UL 94V-2)	５５６６－NA－＊、NB－＊
ヘッダー アッセンブリ (UL 94V-0) Header Assembly (UL 94V-0)	５５６６－NA－２１０－＊、NB－２１０－＊

N：図面参照　Refer to the drawing.

【3．定格及び適用電線　RATINGS AND APPLICABLE WIRES】

項　　目 Item	規　　格 Standard					
最大許容電圧 Rated Voltage (MAX.)	600 V					[AC(実効値　rms) / DC] 被覆外径　Insulation Diameter 5556T,TL：φ1.3～3.1mm 5556T2,T2L：φ0.9～1.8mm
最大許容電流 及び適用電線 Rated Current (MAX.) and Applicable wires	極数	2	4,6	8,10	12-24	
	AWG. #18	9.0 A	8.0 A	7.0 A	6.0 A	
	AWG. #20	7.0 A	6.0 A	5.0 A	5.0 A	
	AWG. #22	5.0 A	4.0 A	4.0 A	4.0 A	
	AWG. #24	4.0 A	3.0 A	3.0 A	3.0 A	
	AWG. #26	3.0 A	2.0 A	2.0 A	2.0 A	
	AWG. #28	2.0 A	1.0 A	1.0 A	1.0 A	
使用温度範囲 Ambient Temperature Range	-40℃　～　+105℃*1					

*1: 通電による温度上昇分も含む。
Including terminal temperature rise.

【4．性能　PERFORMANCE】

4－1．　電気的性能　Electrical Performance

項　　目 Item		条　　件 Test Condition	規　　格 Requirement
4-1-1	接触抵抗 Contact Resistance	コネクタを嵌合させ、開放電圧 20mV 以下、 短絡電流 10mA にて測定する。 (JIS C5402 5.4) Mate connectors, measure by dry circuit, 20mV MAX., 10mA. (JIS C5402 5.4)	10 milliohm MAX.
4-1-2	絶縁抵抗 Insulation Resistance	コネクタを嵌合させ、隣接するターミナル間及びターミナル、アース間に、DC 500V を印加し測定する。 (JIS C5402 5.2/MIL-STD-202 試験法 302) Mate connectors, apply 500V DC between adjacent terminal or ground. (JIS C5402 5.2/MIL-STD-202 Method 302)	1000 Megohm MIN.

項　目 Item		条　件 Test Condition	規　格 Requirement
4-1-3	耐電圧 Dielectric Strength	コネクタを嵌合させ、隣接するターミナル間及びターミナル、アース間に、AC 1500V（実効値）を1分間 印加する。(JIS C5402 5.1/MIL-STD-202 試験法 301) Mate connectors, apply 1500V AC(rms) between for 1 minute between adjacent terminal or ground. (JIS C5402 5.1/MIL-STD-202 Method 301)	異状なきこと No Breakdown
4-1-4	圧着部接触抵抗 Contact Resistance on Crimped Portion	ターミナルに適合電線を圧着し、開放電圧 20mV 以下、短絡電流 10mA にて測定する。 Crimp the applicable wire on to the terminal, measure by dry circuit, 20mV MAX., 10mA.	5 milliohm MAX.

4－2．機械的性能　Mechanical Performance

項　目 Item		条　件 Test Condition	規　格 Requirement	
4-2-1	挿入力 及び抜去力 Insertion and Withdrawal Force	毎分 25±3mm の速さで挿入、抜去を行う。 Insert and withdraw connectors at the speed rate of 25±3mm/minute.	第６項参照 Refer to paragraph 6	
4-2-2	圧着部 引張り強度 Crimping Pull Out Force	圧着されたターミナルを治具に固定し、電線を軸方向に 毎分 25±3mm の速さで引張る。(JIS C5402 6.8) Fix the crimped terminal and apply axial pull out force on the wire at the speed rate of 25±3mm/minute. (JIS C5402 6.8)	AWG. #18	88.2 N｛9.0kgf｝MIN.
			AWG. #20	58.8 N｛6.0kgf｝MIN.
			AWG. #22	39.2 N｛4.0kgf｝MIN.
			AWG. #24	29.4 N｛3.0kgf｝MIN.
			AWG. #26	19.6 N｛2.0kgf｝MIN.
			AWG. #28	9.8 N｛1.0kgf｝MIN.
4-2-3	ターミナル 挿入力 Terminal Insertion Force	圧着されたターミナルをハウジングに挿入する。 Insert the crimped terminal into the housing.	14.7 N｛1.5kgf｝MAX.	

項　目 Item		条　件 Test Condition	規　格 Requirement
4-2-4	ターミナル保持力 Terminal/ Housing Retention Force	圧着されたターミナルをハウジングに装着し、電線を軸方向に 毎分 25±3mm の速さで引張る。 Apply axial pull out force at the speed rate of 25±3mm / minute on the terminal assembled in the housing.	29.4 N {3.0kgf} MIN.
4-2-5	ピン保持力 Pin Retention Force	毎分 25±3mm の速さでピンを軸方向に押す。 Apply axial push force at the speed rate of 25±3mm / minute.	9.8 N {1.0kgf} MIN.

4－3．そ　の　他 Environmental Performance and Others

項　目 Item		条　件 Test Condition	規　格 Requirement	
4-3-1	繰り返し挿抜 Repeated Insertion / Withdrawal	1分間 10回以下 の速さで挿入、抜去を 30回繰り返す。 When mated up to 30 cycles repeatedly by the rate of less than 10 cycles per minute.	接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-2	温度上昇 Temperature Rise	コネクタを嵌合させ、最大許容電流を通電し、コネクタの温度上昇分を測定する。(UL 498) Carrying rated current load. (UL 498)	温度上昇 Temperature Rise	30℃ MAX.
4-3-3	耐振動性 Vibration	DC 1mA 通電状態にて、嵌合軸を含む互いに垂直な 3方向 に 掃引割合 10～55～10Hz/分、全振幅 1.5mm の振動を 各2時間 加える。(MIL-STD-202 試験法 201) Amplitude: 1.5 mm P-P Sweep time: 10-55-10 Hz in 1 minute Duration: 2 hours in each X.Y.Z axes (MIL STD-202 Method 201)	外　観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
			瞬　断 Discontinuity	1.0 microsecond MAX.

項　目 Item		条　件 Test Condition	規　格 Requirement	
4-3-4	耐衝撃性 Shock	DC 1mA 通電状態にて、嵌合軸を含む互いに垂直な 6方向 に、490 m/s^2 {50G} の衝撃を 各3回 加える。 (JIS C60068-2-27/MIL-STD-202 試験法 213) 490 m/s^2 {50 G}, 3 strokes in each X,Y,Z axes. (JIS C60068-2-27/MIL-STD-202 Method 213)	外　観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
			瞬　断 Discontinuity	1.0 microsecond MAX.
4-3-5	耐熱性 Heat Resistance	コネクタを嵌合させ、105±2℃ の雰囲気中に 96時間 放置後取り出し、1～2時間 室温に放置する。 (JIS C60068-2-2/MIL-STD-202 試験法 108) 105±2℃, 96 hours (JIS C60068-2-2/MIL-STD-202 Method 108)	外　観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-6	耐寒性 Cold Resistance	コネクタを嵌合させ、ー40±3℃ の雰囲気中に 96時間 放置後取り出し、1～2時間 室温に放置する。 (JIS C60068-2-1) -40±3℃, 96 hours (JIS C60068-2-1)	外　観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-7	耐湿性 Humidity	コネクタを嵌合させ、60±2℃、相対湿度 90～95% の雰囲気中に 96時間 放置後取り出し、1～2時間 室温に放置する。 (JIS C60068-2-3/MIL-STD-202 試験法103) Temperature : 60±2℃ Relative Humidity: 90 to 95% Duration : 96 hours (JIS C60068-2-3/MIL-STD-202 Method 103)	外　観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
			耐 電 圧 Dielectric Strength	4-1-3項満足こと Must meet 4-1-3
			絶縁抵抗 Insulation Resistance	100 Megohm MIN.

項　目 Item		条　件 Test Condition	規　格 Requirement	
4-3-8	温度サイクル Temperature Cycling	コネクタを嵌合させ、-55℃ に 30分、+105℃ に 30分、これを 1サイクル とし、5サイクル 繰り返す。但し、温度移行時間は、5分以内 とする。試験後 1～2時間 室温に放置する。 (JIS C0025) 5 cycles of : a) –55℃ 30 minutes b) +105℃ 30 minutes (JIS C0025)	外　観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-9	塩水噴霧 Salt Spray	コネクタを嵌合させ、35±2℃ にて、重量比 5±1% の塩水を 48±4時間 噴霧し、試験後 常温で水洗いした後、室温で乾燥させる。 (JIS C5028/MIL-STD-202 試験法 101) 48±4 hours exposure to a salt spray from the 5±1% solution at 35±2℃. (JIS C5028/MIL-STD-202 Method 101)	外　観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-10	亜硫酸ガス SO_2 Gas	コネクタを嵌合させ、40±2℃ にて50±5ppm の亜硫酸ガス中に 24時間 放置する。 24 hours exposure to 50±5ppm. SO_2 gas at 40±2℃.	外　観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-11	半田付け性 Solder Ability	ターミナルまたはピンをフラックスに浸し、本体の取付け基準面より 1.2mm 迄、245±3℃ の半田に 3±0.5秒 浸す。 Solder Time : 3±0.5 seconds Solder Temperature : 245±3℃	濡 れ 性 Solder Wetting	浸漬面積の 75%以上 75% of immersed area must show no voids, pin holes.

項　目 Item		条　件 Test Condition	規　格 Requirement	
4-3-12	半田耐熱性 Resistance to Soldering Heat	ターミナルまたはピンを本体の取付け基準面より 1.2mm迄、260±5℃ の半田に 最大5秒 浸す。 Solder Time : 5 seconds MAX . Solder Temperature : 260±5℃	外　観 Appearance	端子ガタ割れ等異状なきこと No Damage
		(手半田時) ターミナルまたはピンを本体の取付け基準面より 1.2mm迄、370～400℃ の半田に 最大5秒 浸す。 (Soldering iron method) Soldering Time : 5 seconds MAX. Solder Temperature: 370～400℃		

（　　）：参考規格　Reference Standard

【５．外観形状、寸法及び材質 PRODUCT SHAPE, DIMENSIONS AND MATERIALS】

図面参照 Refer to the drawing.

【6． 挿入力及び抜去力 INSERTION / WITHDRAWAL FORCE】

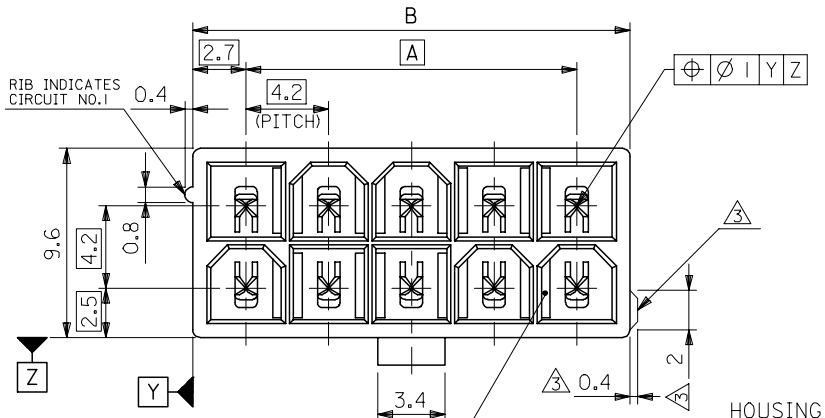
極数 No. of CKT.	単位 Unit	挿入力（最大値） Insertion Force (MAX.)			抜去力（最小値） Withdrawal Force (MIN.)		
		初回 1st	6回目 6th	30回目 30th	初回 1st	6回目 6th	30回目 30th
2	N {kgf}	13.8 {1.4}	12.8 {1.3}	12.8 {1.3}	0.98 {0.10}	0.78 {0.08}	0.78 {0.08}
4	N {kgf}	27.5 {2.8}	25.5 {2.6}	25.5 {2.6}	1.96 {0.20}	1.56 {0.16}	1.56 {0.16}
6	N {kgf}	41.2 {4.2}	38.3 {3.9}	38.3 {3.9}	2.94 {0.30}	2.35 {0.24}	2.35 {0.24}
8	N {kgf}	54.9 {5.6}	51.0 {5.2}	51.0 {5.2}	3.92 {0.40}	3.13 {0.32}	3.13 {0.32}
10	N {kgf}	68.6 {7.0}	63.7 {6.5}	63.7 {6.5}	4.90 {0.50}	3.92 {0.40}	3.92 {0.40}
12	N {kgf}	82.4 {8.4}	76.5 {7.8}	76.5 {7.8}	5.88 {0.60}	4.70 {0.48}	4.70 {0.48}
14	N {kgf}	96.1 {9.8}	89.2 {9.1}	89.2 {9.1}	6.86 {0.70}	5.48 {0.56}	5.48 {0.56}
16	N {kgf}	109.8 {11.2}	102.0 {10.4}	102.0 {10.4}	7.84 {0.80}	6.27 {0.64}	6.27 {0.64}
18	N {kgf}	123.5 {12.6}	114.7 {11.7}	114.7 {11.7}	8.82 {0.90}	7.05 {0.72}	7.05 {0.72}
20	N {kgf}	137.2 {14.0}	127.4 {13.0}	127.4 {13.0}	9.8 {1.00}	7.84 {0.80}	7.84 {0.80}
22	N {kgf}	151.0 {15.4}	140.2 {14.3}	140.2 {14.3}	10.7 {1.10}	8.62 {0.88}	8.62 {0.88}
24	N {kgf}	164.7 {16.8}	152.9 {15.6}	152.9 {15.6}	11.7 {1.20}	9.40 {0.96}	9.40 {0.96}

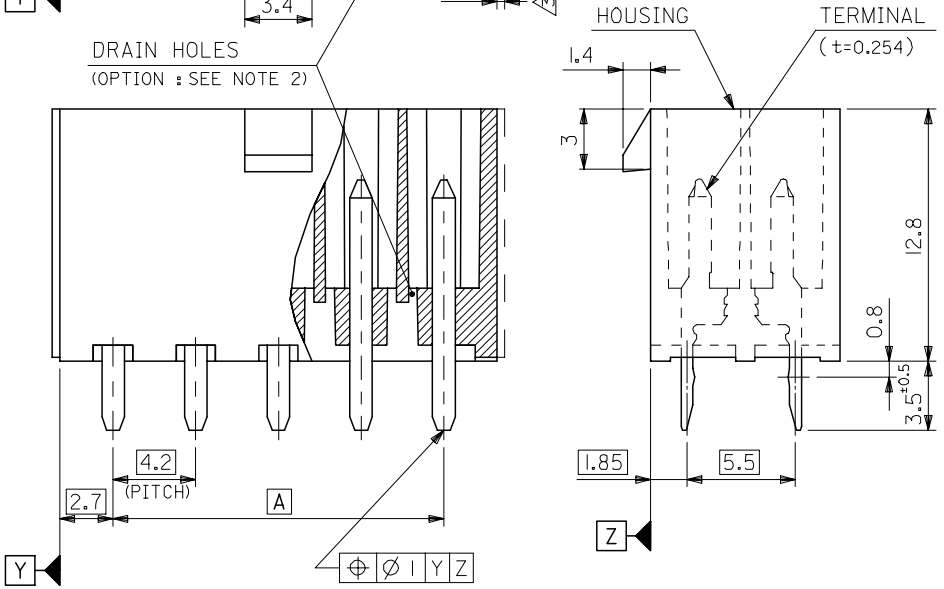
molex	**PRODUCT SPECIFICATION**	LANGUAGE JAPANESE ENGLISH

REV.	REV. RECORD	DATE	EC NO.	WRTTN:	CH'K:
H	REVISED	'05/03/29	J2005-2868	N.AIDA	K.TOYODA
J	REVISED	'07/04/19	J2007-2856	Y.AOYAGI	K.TOYODA

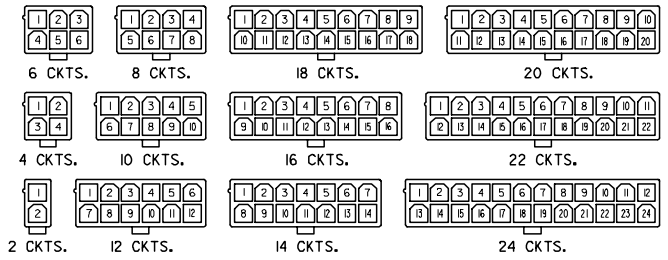
REVISE ON PC ONLY		TITLE: NEW MINI FIT CONN. -LEAD FREE- 製品仕様書
J	SEE SHEET 1 OF 9	
REV.	DESCRIPTION	

DOCUMENT NUMBER		FILE NAME	SHEET
PS-5557-015		PS5557015.doc	9 OF 9





51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2
DIM. B	DIM. A	CKT. SIZE



CIRCUIT SIZE LAYOUT

(SCALE 1 : 1)

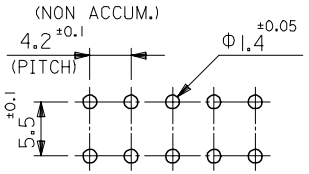
NOTES

1. MATE WITH : 5557 SERIES
2. LEGEND

5566 - N * * * - * - *

BASE NUMBER
CIRCUIT SIZE
ASS'Y TYPE
A : WITHOUT DRAIN HOLES
B : WITH DRAIN HOLES
TERMINAL MATERIAL
"BLANK" : BRASS
PB : PHOSPHOR BRONZE
TERMINAL PLATING
"BLANK" : BRIGHT TIN 0.9µm MIN. OVER COPPER 0.5µm MIN. (BRASS)
TIN 0.9µm MIN. REFLOW TREATMENT
OR BRIGHT TIN 0.9µm MIN. (PHOSPHOR BRONZE)
S : BRIGHT TIN 2.54µm MIN. OVER NICKEL 1.27µm MIN.
GS : SELECT GOLD 0.76µm MIN. AND SELECT PURE TIN 2.54µm MIN.
OVER NICKEL 1.27µm MIN.
GS2 : SELECT GOLD 0.38µm MIN. AND SELECT PURE TIN 2.54µm MIN.
OVER NICKEL 1.27µm MIN.
HOUSING MATERIAL
"BLANK" : NYLON 66, UL94V-2
210 : NYLON 66, UL94V-0
310 : G.F. 30% PCT, UL94V-0
400 : NYLON 66, UL94V-0, BLACK
COLOR OR PACKAGING
BL : BLACK RE : RED GR : GRAY
BU : BLUE YE : YELLOW
TA : TRAY PACKAGING FOR TRAYS (IN US)

3 EXTERNAL RIB APPEARS ON MX-USA PARTS ONLY.



RECOMMENDED P.C. BOARD PATTERN

(SCALE 2 : 1)

REVISED	EC NO:	DESCRIPTION	REV
	J2007-2529		
DRWN:KSAITO01	2007/03/07		
CHKD:KTOYODA	2007/03/09		
APPR:NUKITA	2007/03/12		

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.3
30 OVER	±0.4
ANGULAR ±3 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 4:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: H.HIRAMOTO	DATE: '89/04/03		
CHECKED BY: M.FUKUSHIMA	DATE: '94/04/20		
APPROVED BY: M.FUKUSHIMA	DATE: '94/04/20		
MATERIAL NO.: SEE TABLE			

TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-5566-002

SHEET NO.: 1 OF 6

MODEL NO.: 5566-N***-*-*

SIZE A3

10	9	8	7	6	5	4	3	2	1	
NOT TOOLED	5566-24APB-310	NOT TOOLED	5566-24AGS2-310	NOT TOOLED	5566-24AGS-310	NOT TOOLED	5566-24AS-310	NOT TOOLED	5566-24A-310	24
↑	↑ -22APB-310	↑	↑ -22AGS2-310	↑	↑ -22AGS-310	↑	↑ -22AS-310	↑	↑ -22A-310	22
	-20APB-310		-20AGS2-310		-20AGS-310		-20AS-310		-20A-310	20
	-18APB-310		-18AGS2-310		-18AGS-310		-18AS-310		-18A-310	18
	-16APB-310		-16AGS2-310		-16AGS-310		-16AS-310		-16A-310	16
	-14APB-310		-14AGS2-310		-14AGS-310		-14AS-310		-14A-310	14
	-12APB-310		-12AGS2-310		-12AGS-310		-12AS-310		-12A-310	12
	-10APB-310		-10AGS2-310		-10AGS-310		-10AS-310		-10A-310	10
	-08APB-310		-08AGS2-310		-08AGS-310		-08AS-310		-08A-310	8
	-06APB-310		-06AGS2-310		-06AGS-310		-06AS-310		-06A-310	6
↓	↓ -04APB-310	↓	↓ -04AGS2-310	↓	↓ -04AGS-310	↓	↓ -04AS-310	↓	↓ -04A-310	4
NOT TOOLED	5566-02APB-310	NOT TOOLED	5566-02AGS2-310	NOT TOOLED	5566-02AGS-310	NOT TOOLED	5566-02AS-310	NOT TOOLED	5566-02A-310	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAPB-310		5566-NAGS2-310		5566-NAGS-310		5566-NAS-310		5566-NA-310		
39-29-5247	5566-24APB-210	39-30-9245	5566-24AGS2-210	39-29-6248	5566-24AGS-210	39-30-6242	5566-24AS-210	39-28-8240	5566-24A-210	24
↑ -5227	↑ -22APB-210	↑ -9225	↑ -22AGS2-210	↑ -6228	↑ -22AGS-210	↑ -6222	↑ -22AS-210	↑ -8220	↑ -22A-210	22
-5207	-20APB-210	-9205	-20AGS2-210	-6208	-20AGS-210	-6202	-20AS-210	-8200	-20A-210	20
-5187	-18APB-210	-9185	-18AGS2-210	-6188	-18AGS-210	-6182	-18AS-210	-8180	-18A-210	18
-5167	-16APB-210	-9165	-16AGS2-210	-6168	-16AGS-210	-6162	-16AS-210	-8160	-16A-210	16
-5147	-14APB-210	-9145	-14AGS2-210	-6148	-14AGS-210	-6142	-14AS-210	-8140	-14A-210	14
-5127	-12APB-210	-9125	-12AGS2-210	-6128	-12AGS-210	-6122	-12AS-210	-8120	-12A-210	12
-5107	-10APB-210	-9105	-10AGS2-210	-6108	-10AGS-210	-6102	-10AS-210	-8100	-10A-210	10
-5087	-08APB-210	-9085	-08AGS2-210	-6088	-08AGS-210	-6082	-08AS-210	-8080	-08A-210	8
-5067	-06APB-210	-9065	-06AGS2-210	-6068	-06AGS-210	-6062	-06AS-210	-8060	-06A-210	6
↓ -5047	↓ -04APB-210	↓ -9045	↓ -04AGS2-210	↓ -6048	↓ -04AGS-210	↓ -6042	↓ -04AS-210	↓ -8040	↓ -04A-210	4
39-29-5027	5566-02APB-210	39-30-9025	5566-02AGS2-210	39-29-6028	5566-02AGS-210	39-30-6022	5566-02AS-210	39-28-8020	5566-02A-210	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAPB-210		5566-NAGS2-210		5566-NAGS-210		5566-NAS-210		5566-NA-210		
39-29-5246	5566-24APB	39-30-9244	5566-24AGS2	39-29-0243	5566-24AGS	39-30-6241	5566-24AS	39-28-1243	5566-24A	24
↑ -5226	↑ -22APB	↑ -9224	↑ -22AGS2	↑ -0223	↑ -22AGS	↑ -6221	↑ -22AS	↑ -1223	↑ -22A	22
-5206	-20APB	-9204	-20AGS2	-0203	-20AGS	-6201	-20AS	-1203	-20A	20
-5186	-18APB	-9184	-18AGS2	-0183	-18AGS	-6181	-18AS	-1183	-18A	18
-5166	-16APB	-9164	-16AGS2	-0163	-16AGS	-6161	-16AS	-1163	-16A	16
-5146	-14APB	-9144	-14AGS2	-0143	-14AGS	-6141	-14AS	-1143	-14A	14
-5126	-12APB	-9124	-12AGS2	-0123	-12AGS	-6121	-12AS	-1123	-12A	12
-5106	-10APB	-9104	-10AGS2	-0103	-10AGS	-6101	-10AS	-1103	-10A	10
-5086	-08APB	-9084	-08AGS2	-0083	-08AGS	-6081	-08AS	-1083	-08A	8
-5066	-06APB	-9064	-06AGS2	-0063	-06AGS	-6061	-06AS	-1063	-06A	6
↓ -5046	↓ -04APB	↓ -9044	↓ -04AGS2	↓ -0043	↓ -04AGS	↓ -6041	↓ -04AS	↓ -1043	↓ -04A	4
39-29-5026	5566-02APB	39-30-9024	5566-02AGS2	39-29-0023	5566-02AGS	39-30-6021	5566-02AS	39-28-1023	5566-02A	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAPB		5566-NAGS2		5566-NAGS		5566-NAS		5566-NA		

REVISED
EC NO: J2007-2529 2007/03/07
DRWN:KSAITO01 2007/03/09
CHKD:KTOYODA
APPR:NUKITA 2007/03/12
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.HIRAMOTO DATE: '89/04/03
CHECKED BY: M.FUKUSHIMA DATE: '94/04/20
APPROVED BY: M.FUKUSHIMA DATE: '94/04/20

TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-5566-002
SHEET NO.: 2 OF 6

SIZE: A3

10	9	8	7	6	5	4	3	2	1	
NOT TOOLED	5566-24BGS2-310	NOT TOOLED	5566-24BGS-310	NOT TOOLED	5566-24BS-310	NOT TOOLED	5566-24B-310	NOT TOOLED	5566-24APBS-310	24
↑	↑ -22BGS2-310	↑	↑ -22BGS-310	↑	↑ -22BS-310	↑	↑ -22B-310	↑	↑ -22APBS-310	22
	-20BGS2-310		-20BGS-310		-20BS-310		-20B-310		-20APBS-310	20
	-18BGS2-310		-18BGS-310		-18BS-310		-18B-310		-18APBS-310	18
	-16BGS2-310		-16BGS-310		-16BS-310		-16B-310		-16APBS-310	16
	-14BGS2-310		-14BGS-310		-14BS-310		-14B-310		-14APBS-310	14
	-12BGS2-310		-12BGS-310		-12BS-310		-12B-310		-12APBS-310	12
	-10BGS2-310		-10BGS-310		-10BS-310		-10B-310		-10APBS-310	10
	-08BGS2-310		-08BGS-310		-08BS-310		-08B-310		-08APBS-310	8
	-06BGS2-310		-06BGS-310		-06BS-310		-06B-310		-06APBS-310	6
↓	↓ -04BGS2-310	↓	↓ -04BGS-310	↓	↓ -04BS-310	↓	↓ -04B-310	↓	↓ -04APBS-310	4
NOT TOOLED	5566-02BGS2-310	NOT TOOLED	5566-02BGS-310	NOT TOOLED	5566-02BS-310	NOT TOOLED	5566-02B-310	NOT TOOLED	5566-02APBS-310	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS2-310		5566-NBGS-310		5566-NBS-310		5566-NB-310		5566-NAPBS-310		
39-30-9247	5566-24BGS2-210	39-31-0248	5566-24BGS-210	39-31-0242	5566-24BS-210	39-31-0240	5566-24B-210	39-30-6244	5566-24APBS-210	24
↑ -9227	↑ -22BGS2-210	↑ -0228	↑ -22BGS-210	↑ -0222	↑ -22BS-210	↑ -0220	↑ -22B-210	↑ -6224	↑ -22APBS-210	22
-9207	-20BGS2-210	-0208	-20BGS-210	-0202	-20BS-210	-0200	-20B-210	-6204	-20APBS-210	20
-9187	-18BGS2-210	-0188	-18BGS-210	-0182	-18BS-210	-0180	-18B-210	-6184	-18APBS-210	18
-9167	-16BGS2-210	-0168	-16BGS-210	-0162	-16BS-210	-0160	-16B-210	-6164	-16APBS-210	16
-9147	-14BGS2-210	-0148	-14BGS-210	-0142	-14BS-210	-0140	-14B-210	-6144	-14APBS-210	14
-9127	-12BGS2-210	-0128	-12BGS-210	-0122	-12BS-210	-0120	-12B-210	-6124	-12APBS-210	12
-9107	-10BGS2-210	-0108	-10BGS-210	-0102	-10BS-210	-0100	-10B-210	-6104	-10APBS-210	10
-9087	-08BGS2-210	-0088	-08BGS-210	-0082	-08BS-210	-0080	-08B-210	-6084	-08APBS-210	8
-9067	-06BGS2-210	-0068	-06BGS-210	-0062	-06BS-210	-0060	-06B-210	-6064	-06APBS-210	6
↓ -9047	↓ -04BGS2-210	↓ -0048	↓ -04BGS-210	↓ -0042	↓ -04BS-210	↓ -0040	↓ -04B-210	↓ -6044	↓ -04APBS-210	4
39-30-9027	5566-02BGS2-210	39-31-0028	5566-02BGS-210	39-31-0022	5566-02BS-210	39-31-0020	5566-02B-210	39-30-6024	5566-02APBS-210	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS2-210		5566-NBGS-210		5566-NBS-210		5566-NB-210		5566-NAPBS-210		
39-30-9246	5566-24BGS2	39-31-0247	5566-24BGS	39-31-0241	5566-24BS	39-29-3246	5566-24B	39-30-6243	5566-24APBS	24
↑ -9226	↑ -22BGS2	↑ -0227	↑ -22BGS	↑ -0221	↑ -22BS	↑ -3226	↑ -22B	↑ -6223	↑ -22APBS	22
-9206	-20BGS2	-0207	-20BGS	-0201	-20BS	-3206	-20B	-6203	-20APBS	20
-9186	-18BGS2	-0187	-18BGS	-0181	-18BS	-3186	-18B	-6183	-18APBS	18
-9166	-16BGS2	-0164	-16BGS	-0161	-16BS	-3166	-16B	-6163	-16APBS	16
-9146	-14BGS2	-0147	-14BGS	-0141	-14BS	-3146	-14B	-6143	-14APBS	14
-9126	-12BGS2	-0127	-12BGS	-0121	-12BS	-3126	-12B	-6123	-12APBS	12
-9106	-10BGS2	-0107	-10BGS	-0101	-10BS	-3106	-10B	-6103	-10APBS	10
-9086	-08BGS2	-0087	-08BGS	-0081	-08BS	-3086	-08B	-6083	-08APBS	8
-9066	-06BGS2	-0067	-06BGS	-0061	-06BS	-3066	-06B	-6063	-06APBS	6
↓ -9046	↓ -04BGS2	↓ -0047	↓ -04BGS	↓ -0041	↓ -04BS	↓ -3046	↓ -04B	↓ -6043	↓ -04APBS	4
39-30-9026	5566-02BGS2	39-31-0027	5566-02BGS	39-31-0021	5566-02BS	39-29-3026	5566-02B	39-30-6023	5566-02APBS	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS2		5566-NBGS		5566-NBS		5566-NB		5566-NAPBS		

REVISED
EC NO: J2007-2529 2007/03/07
DRWN:KSAITO01 2007/03/09
CHKD:KTOYODA
APPR:NUKITA 2007/03/12
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.HIRAMOTO DATE: '89/04/03
CHECKED BY: M.FUKUSHIMA DATE: '94/04/20
APPROVED BY: M.FUKUSHIMA DATE: '94/04/20

TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-5566-002
SHEET NO.: 3 OF 6

SIZE: A3

NOT TOOLED	5566-24BPBS-310	NOT TOOLED	5566-24BPB-310	24
↑	↑ -22BPBS-310	↑	↑ -22BPB-310	22
	-20BPBS-310		-20BPB-310	20
	-18BPBS-310		-18BPB-310	18
	-16BPBS-310		-16BPB-310	16
	-14BPBS-310		-14BPB-310	14
	-12BPBS-310		-12BPB-310	12
	-10BPBS-310		-10BPB-310	10
	-08BPBS-310		-08BPB-310	8
	-06BPBS-310		-06BPB-310	6
↓	↓ -04BPBS-310	↓	↓ -04BPB-310	4
NOT TOOLED	5566-02BPBS-310	NOT TOOLED	5566-02BPB-310	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE
5566-NBPBS-310		5566-NBPB-310		
39-31-0246	5566-24BPBS-210	39-31-0244	5566-24BPB-210	24
↑ -0226	↑ -22BPBS-210	↑ -0224	↑ -22BPB-210	22
-0206	-20BPBS-210	-0204	-20BPB-210	20
-0186	-18BPBS-210	-0184	-18BPB-210	18
-0166	-16BPBS-210	-0164	-16BPB-210	16
-0146	-14BPBS-210	-0144	-14BPB-210	14
-0126	-12BPBS-210	-0124	-12BPB-210	12
-0106	-10BPBS-210	-0104	-10BPB-210	10
-0086	-08BPBS-210	-0084	-08BPB-210	8
-0066	-06BPBS-210	-0064	-06BPB-210	6
↓ -0046	↓ -04BPBS-210	↓ -0044	↓ -04BPB-210	4
39-31-0026	5566-02BPBS-210	39-31-0024	5566-02BPB-210	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE
5566-NBPBS-210		5566-NBPB-210		

39-35-0248	5566-24A-400	39-31-0245	5566-24BPBS	39-31-0243	5566-24BPB	24
↑ -0228	↑ -22A-400	↑ -0225	↑ -22BPBS	↑ -0223	↑ -22BPB	22
-0208	-20A-400	-0205	-20BPBS	-0203	-20BPB	20
-0188	-18A-400	-0185	-18BPBS	-0183	-18BPB	18
-0168	-16A-400	-0165	-16BPBS	-0163	-16BPB	16
-0148	-14A-400	-0145	-14BPBS	-0143	-14BPB	14
-0128	-12A-400	-0125	-12BPBS	-0123	-12BPB	12
-0108	-10A-400	-0105	-10BPBS	-0103	-10BPB	10
-0088	-08A-400	-0085	-08BPBS	-0083	-08BPB	8
-0068	-06A-400	-0065	-06BPBS	-0063	-06BPB	6
↓ -0048	↓ -04A-400	↓ -0045	↓ -04BPBS	↓ -0043	↓ -04BPB	4
39-35-0028	5566-02A-400	39-31-0025	5566-02BPBS	39-31-0023	5566-02BPB	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE
5566-NA-400		5566-NBPBS		5566-NBPB		

REVISED
EC NO: J2007-2529 2007/03/07
DRWN:KSAITO01 2007/03/09
CHKD:KTOYODA
APPR:NUKITA 2007/03/12

REV | DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.HIRAMOTO DATE: '89/04/03
CHECKED BY: M.FUKUSHIMA DATE: '94/04/20
APPROVED BY: M.FUKUSHIMA DATE: '94/04/20

TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-5566-002
SHEET NO.: 4 OF 6

SIZE: A3

										24
										22
										20
										18
						39-33-3169	5566-16A-210-BU	39-33-3168	5566-16A-210-BL	16
										14
										12
				39-33-4100	5566-10A-210-RE	39-33-3109	5566-10A-210-BU	39-33-3108	5566-10A-210-BL	10
								39-33-3088	5566-08A-210-BL	8
										6
				39-33-4040	5566-04A-210-RE	39-33-3049	5566-04A-210-BU			4
		39-34-5023	5566-02A-210-YE	39-33-4020	5566-02A-210-RE	39-33-3029	5566-02A-210-BU	39-33-3028	5566-02A-210-BL	2
		EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	CKT. SIZE
		5566-NA-210-YE		5566-NA-210-RE		5566-NA-210-BU		5566-NA-210-BL		

										24
										22
										20
										18
				39-33-3166	5566-16A-RE	39-33-3164	5566-16A-BU			16
39-33-3145	5566-14A-GR							39-33-3143	5566-14A-BL	14
				39-33-3126	5566-12A-RE	39-33-3124	5566-12A-BU			12
				39-33-3106	5566-10A-RE	39-33-3104	5566-10A-BU			10
		39-33-3087	5566-08A-YE	39-33-3086	5566-08A-RE	39-33-3084	5566-08A-BU	39-33-3083	5566-08A-BL	8
		39-33-3067	5566-06A-YE	39-33-3066	5566-06A-RE	39-33-3064	5566-06A-BU	39-33-3063	5566-06A-BL	6
				39-33-3046	5566-04A-RE	39-33-3044	5566-04A-BU	39-33-3043	5566-04A-BL	4
		39-33-3027	5566-02A-YE	39-33-3026	5566-02A-RE	39-33-3024	5566-02A-BU	39-33-3023	5566-02A-BL	2
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	CKT. SIZE
5566-NA-GR		5566-NA-YE		5566-NA-RE		5566-NA-BU		5566-NA-BL		

REVISED
EC NO: J2007-2529 2007/03/07
DRWN:KSAITO01 2007/03/09
CHKD:KTOYODA
APPR:NUKITA 2007/03/12
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.HIRAMOTO DATE: '89/04/03
CHECKED BY: M.FUKUSHIMA DATE: '94/04/20
APPROVED BY: M.FUKUSHIMA DATE: '94/04/20

TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-5566-002
SHEET NO.: 5 OF 6

SIZE: A3

39-54-0245	5566-24BGS-210-TA	39-54-0244	5566-24B-210-TA	39-54-0243	5566-24BGS-TA	39-54-0242	5566-24B-TA	24
-0225	-22BGS-210-TA	-0224	-22B-210-TA	-0223	-22BGS-TA	-0222	-22B-TA	22
-0205	-20BGS-210-TA	-0204	-20B-210-TA	-0203	-20BGS-TA	-0202	-20B-TA	20
-0185	-18BGS-210-TA	-0184	-18B-210-TA	-0183	-18BGS-TA	-0182	-18B-TA	18
-0165	-16BGS-210-TA	-0164	-16B-210-TA	-0163	-16BGS-TA	-0162	-16B-TA	16
-0145	-14BGS-210-TA	-0144	-14B-210-TA	-0143	-14BGS-TA	-0142	-14B-TA	14
-0125	-12BGS-210-TA	-0124	-12B-210-TA	-0123	-12BGS-TA	-0122	-12B-TA	12
-0105	-10BGS-210-TA	-0104	-10B-210-TA	-0103	-10BGS-TA	-0102	-10B-TA	10
-0085	-08BGS-210-TA	-0084	-08B-210-TA	-0083	-08BGS-TA	-0082	-08B-TA	8
-0065	-06BGS-210-TA	-0064	-06B-210-TA	-0063	-06BGS-TA	-0062	-06B-TA	6
-0045	-04BGS-210-TA	-0044	-04B-210-TA	-0043	-04BGS-TA	-0042	-04B-TA	4
39-54-0025	5566-02BGS-210-TA	39-54-0024	5566-02B-210-TA	39-54-0023	5566-02BGS-TA	39-54-0022	5566-02B-TA	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS-210-TA		5566-NB-210-TA		5566-NBGS-TA		5566-NB-TA		

39-54-0241	5566-24AGS-210-TA	39-54-0240	5566-24AGS-TA	39-53-9249	5566-24A-210-TA	39-53-9248	5566-24A-TA	24
-0221	-22AGS-210-TA	-0220	-22AGS-TA	-9229	-22A-210-TA	-9228	-22A-TA	22
-0201	-20AGS-210-TA	-0200	-20AGS-TA	-9209	-20A-210-TA	-9208	-20A-TA	20
-0181	-18AGS-210-TA	-0180	-18AGS-TA	-9189	-18A-210-TA	-9188	-18A-TA	18
-0161	-16AGS-210-TA	-0160	-16AGS-TA	-9169	-16A-210-TA	-9168	-16A-TA	16
-0141	-14AGS-210-TA	-0140	-14AGS-TA	-9149	-14A-210-TA	-9148	-14A-TA	14
-0121	-12AGS-210-TA	-0120	-12AGS-TA	-9129	-12A-210-TA	-9128	-12A-TA	12
-0101	-10AGS-210-TA	-0100	-10AGS-TA	-9109	-10A-210-TA	-9108	-10A-TA	10
-0081	-08AGS-210-TA	-0080	-08AGS-TA	-9089	-08A-210-TA	-9088	-08A-TA	8
-0061	-06AGS-210-TA	-0060	-06AGS-TA	-9069	-06A-210-TA	-9068	-06A-TA	6
-0041	-04AGS-210-TA	-0040	-04AGS-TA	-9049	-04A-210-TA	-9048	-04A-TA	4
39-54-0021	5566-02AGS-210-TA	39-54-0020	5566-02AGS-TA	39-53-9029	5566-02A-210-TA	39-53-9028	5566-02A-TA	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAGS-210-TA		5566-NAGS-TA		5566-NA-210-TA		5566-NA-TA		

REVISED
EC NO: J2007-2529 2007/03/07
DRWN:KSAITO01 2007/03/09
CHKD:KTOYODA
APPR:NUKITA 2007/03/12

REV	DESCRIPTION
L	

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

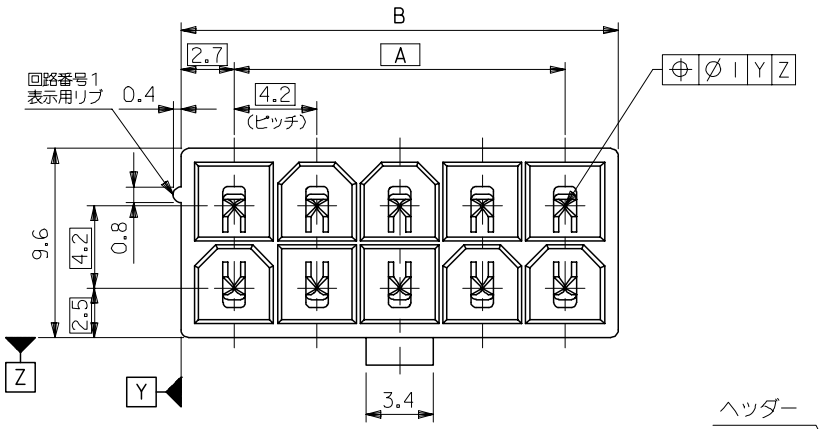
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION

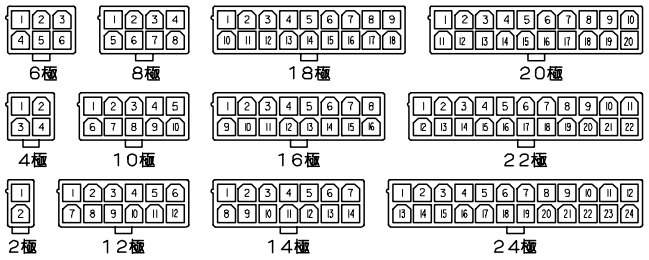
DRAWN BY: H.HIRAMOTO	DATE: '89/04/03	TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-
CHECKED BY: M.FUKUSHIMA	DATE: '94/04/20	
APPROVED BY: M.FUKUSHIMA	DATE: '94/04/20	molex MOLEX INCORPORATED
MATERIAL NO.: SEE TABLE		DOCUMENT NO.: SD-5566-002
		SHEET NO.: 6 OF 6

5566-N***-*
MODEL NO.

SIZE A3

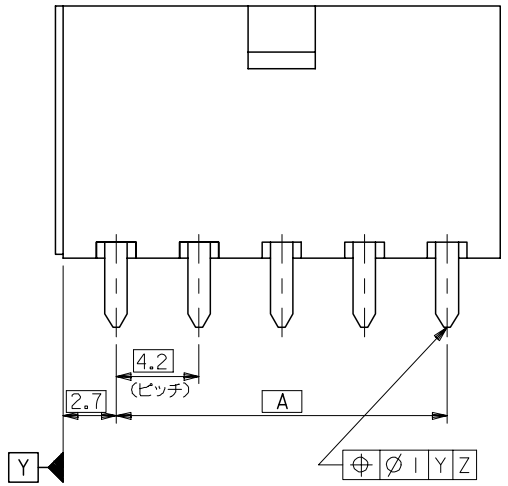


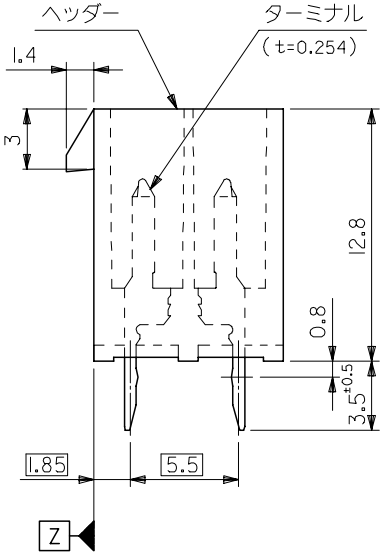
寸法 B	寸法 A	極数
51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2



極数別レイアウト図

(SCALE 1 : 1)



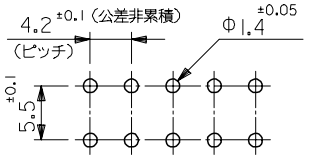


注 記

1. 嵌合相手 : 5557シリーズ
2. 使用符号の説明

5566 - N A * * - * - *

- ベースナンバー
- 極数
- アッセンブリー
- ターミナル材料
  - "BLANK" : 黄銅
  - PB : リン青銅
- ターミナルのメッキ
  - "BLANK" : 錫メッキ 0.9μm MIN.
  - GS : ニッケル 1.27μm MIN. 全面下地
    コンタクト部 金 0.76μm MIN.
    半田付け部 錫 2.54μm MIN.
- ヘッダー材料
  - "BLANK" : ナイロン 66, UL 94V-2
  - 210 : ナイロン 66, UL 94V-0
  - 400 : ナイロン 66, UL 94V-0, 黒
- 色
  - BL : 黒色
  - BU : 青色
  - RE : 赤色
  - YE : 黄色
  - GR : 灰色



基板穴推奨寸法

(SCALE 2 : 1)

REVISED					
EC NO: J2006-2418	DRWN:MNABEI	CHKD:KTOYODA	APPR:NUKITA	DESCRIPTION	REV
2006/01/30	2006/02/03	2006/02/06			
					H

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.3
30 OVER	±0.4
ANGULAR ±3 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 4:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: H.HIRAMOTO DATE: '89/05/07			
CHECKED BY: M.FUKUSHIMA DATE: '91/10/29			
APPROVED BY: M.ENOMOTO DATE: '91/10/29			
MATERIAL NO.: SEE CHART			

TITLE: NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-

MOLEX INCORPORATED

DOCUMENT NO.: SD-5566-003

SHEET NO.: 1 OF 3

5566-NA**-*-*

MODEL NO.

SIZE A3

39-35-0248	5566-24A-400	24
-0228	-22A-400	22
-0208	-20A-400	20
-0188	-18A-400	18
-0168	-16A-400	16
-0148	-14A-400	14
-0128	-12A-400	12
-0108	-10A-400	10
-0088	-08A-400	8
-0068	-06A-400	6
-0048	-04A-400	4
39-35-0028	5566-02A-400	2
EDP NO.	ENG. NO	極数
5566-NA-400		

39-29-5247	5566-24APB-210	39-29-6248	5566-24AGS-210	39-28-8240	5566-24A-210	24
-5227	-22APB-210	-6228	-22AGS-210	-8220	-22A-210	22
-5207	-20APB-210	-6208	-20AGS-210	-8200	-20A-210	20
-5187	-18APB-210	-6188	-18AGS-210	-8180	-18A-210	18
-5167	-16APB-210	-6168	-16AGS-210	-8160	-16A-210	16
-5147	-14APB-210	-6148	-14AGS-210	-8140	-14A-210	14
-5127	-12APB-210	-6128	-12AGS-210	-8120	-12A-210	12
-5107	-10APB-210	-6108	-10AGS-210	-8100	-10A-210	10
-5087	-08APB-210	-6088	-08AGS-210	-8080	-08A-210	8
-5067	-06APB-210	-6068	-06AGS-210	-8060	-06A-210	6
-5047	-04APB-210	-6048	-04AGS-210	-8040	-04A-210	4
39-29-5027	5566-02APB-210	39-29-6028	5566-02AGS-210	39-28-8020	5566-02A-210	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	極数
5566-NAPB-210		5566-NAGS-210		5566-NA-210		
39-29-5246	5566-24APB	39-29-0243	5566-24AGS	39-28-1243	5566-24A	24
-5226	-22APB	-0223	-22AGS	-1223	-22A	22
-5206	-20APB	-0203	-20AGS	-1203	-20A	20
-5186	-18APB	-0183	-18AGS	-1183	-18A	18
-5166	-16APB	-0163	-16AGS	-1163	-16A	16
-5146	-14APB	-0143	-14AGS	-1143	-14A	14
-5126	-12APB	-0123	-12AGS	-1123	-12A	12
-5106	-10APB	-0103	-10AGS	-1103	-10A	10
-5086	-08APB	-0083	-08AGS	-1083	-08A	8
-5066	-06APB	-0063	-06AGS	-1063	-06A	6
-5046	-04APB	-0043	-04AGS	-1043	-04A	4
39-29-5026	5566-02APB	39-29-0023	5566-02AGS	39-28-1023	5566-02A	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	極数
5566-NAPB		5566-NAGS		5566-NA		

REVISED
EC NO: J2006-2418 2006/01/30
DRWN:MNABEI 2006/02/03
CHKD:KTOYODA
APPR:NUKITA 2006/02/06
DESCRIPTION
REV H

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.HIRAMOTO DATE: '89/05/07
CHECKED BY: M.FUKUSHIMA DATE: '91/10/29
APPROVED BY: M.ENOMOTO DATE: '91/10/29

TITLE: NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5566-003
SHEET NO.: 2 OF 3

SIZE A3

										24
										22
										20
										18
						39-33-3169	5566-16A-210-BU	39-33-3168	5566-16A-210-BL	16
										14
										12
				39-33-4100	5566-10A-210-RE	39-33-3109	5566-10A-210-BU	39-33-3108	5566-10A-210-BL	10
								39-33-3088	5566-08A-210-BL	8
										6
				39-33-4040	5566-04A-210-RE	39-33-3049	5566-04A-210-BU			4
		39-34-5023	5566-02A-210-YE	39-33-4020	5566-02A-210-RE	39-33-3029	5566-02A-210-BU	39-33-3028	5566-02A-210-BL	2
		EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	極数
		5566-NA-210-YE		5566-NA-210-RE		5566-NA-210-BU		5566-NA-210-BL		

										24
										22
										20
										18
				39-33-3166	5566-16A-RE	39-33-3164	5566-16A-BU			16
39-33-3145	5566-14A-GR							39-33-3143	5566-14A-BL	14
				39-33-3126	5566-12A-RE	39-33-3124	5566-12A-BU			12
				39-33-3106	5566-10A-RE	39-33-3104	5566-10A-BU			10
		39-33-3087	5566-08A-YE	39-33-3086	5566-08A-RE	39-33-3084	5566-08A-BU			8
		39-33-3067	5566-06A-YE	39-33-3066	5566-06A-RE	39-33-3064	5566-06A-BU			6
				39-33-3046	5566-04A-RE	39-33-3044	5566-04A-BU	39-33-3043	5566-04A-BL	4
		39-33-3027	5566-02A-YE	39-33-3026	5566-02A-RE	39-33-3024	5566-02A-BU	39-33-3023	5566-02A-BL	2
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	極数
5566-NA-GR		5566-NA-YE		5566-NA-RE		5566-NA-BU		5566-NA-BL		

REVISED
EC NO: J2006-2418 2006/01/30
DRWN:MNABEI 2006/02/03
CHKD:KTOYODA
APPR:NUKITA 2006/02/06
DESCRIPTION
REV
H

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.HIRAMOTO DATE: '89/05/07
CHECKED BY: M.FUKUSHIMA DATE: '91/10/29
APPROVED BY: M.ENOMOTO DATE: '91/10/29

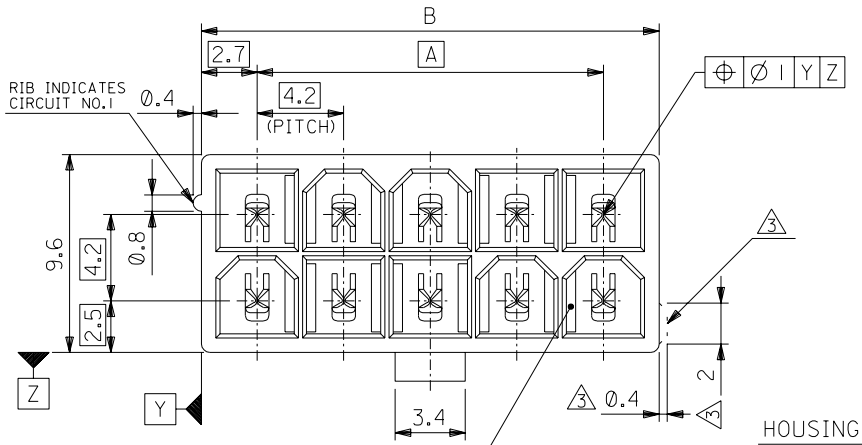
TITLE: NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-

MOLEX INCORPORATED

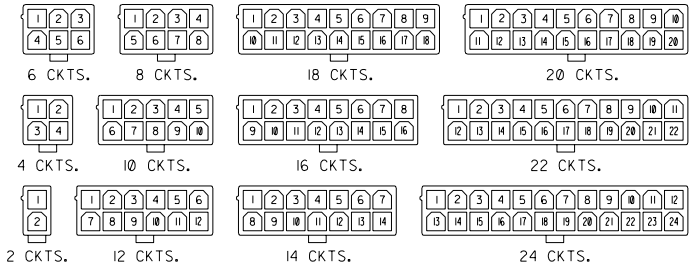
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5566-003
SHEET NO.: 3 OF 3

SIZE: A3

DWG. NO. SD-5566-N****

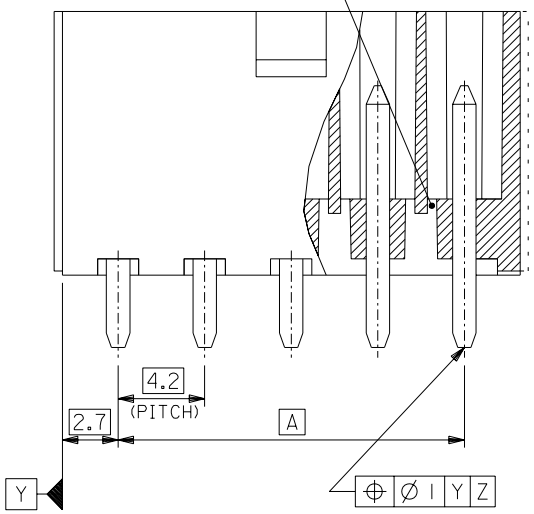


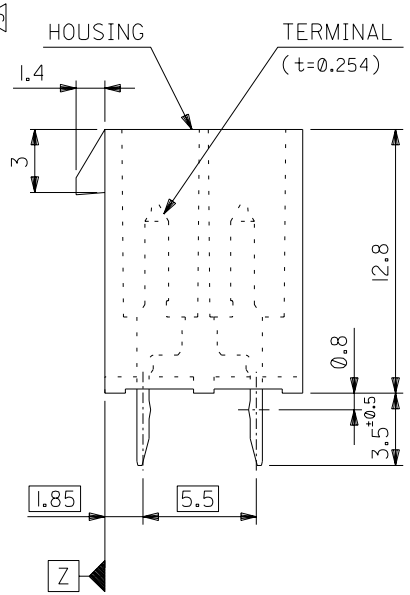
DIM. B	DIM. A	CKT. SIZE
51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2

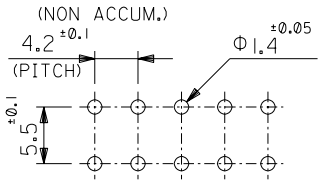


CIRCUIT SIZE LAYOUT
(SCALE 1 : 1)

DRAIN HOLES
(OPTION : SEE NOTE 2)







RECOMMENDED P.C. BOARD PATTERN
(SCALE 2 : 1)

NOTES

1. MATE WITH : 5557 SERIES
2. LEGEND

5566 - N * * * - *

BASE NUMBER
CIRCUIT SIZE
ASS'Y TYPE
A : WITHOUT DRAIN HOLES
B : WITH DRAIN HOLES
TERMINAL MATERIAL
"BLANK" : BRASS
PB : PHOSPHOR BRONZE
TERMINAL PLATING
"BLANK" : BRIGHT TIN 0.9μm MIN. OVER COPPER 0.5μm MIN. (BRASS)
TIN 0.9μm MIN. REFLOW TREATMENT
OR BRIGHT TIN 0.9μm MIN. (PHOSPHOR BRONZE)
S : BRIGHT TIN 2.54μm MIN. OVER NICKEL 1.27μm MIN.
GS : SELECT GOLD 0.76μm MIN. AND SELECT PURE TIN 2.54μm MIN.
OVER NICKEL 1.27μm MIN.
GS2 : SELECT GOLD 0.38μm MIN. AND SELECT PURE TIN 2.54μm MIN.
OVER NICKEL 1.27μm MIN.
HOUSING MATERIAL
"BLANK" : NYLON 66, UL94V-2
210 : NYLON 66, UL94V-0
310 : G.F. 30% PCT, UL94V-0
400 : NYLON 66, UL94V-0, BLACK

3 EXTERNAL RIB APPEARS ON MX-USA PARTS ONLY.

5566-N***-*		J	REVISED (J2004-4416)	M.N K.T	'04/5/25	材料 MATERIAL: SEE NOTE 2
MODEL NO.		H	REVISED (J40308)	H.H M.F	'94/4/19	仕上げ FINISH: SEE NOTE 2
角度 ANGLE	±3°	G	REVISED (J10190)	H.H Y.Y	'91/3/7	適用電線範囲 WIRE RANGE: —
30 以上 OVER	±0.4 ±0.3	F	REVISED (J00638)	H.H Y.Y	'90/6/8	被覆外径 INS. RANGE: —
10 以上 30 未満 OVER UNDER	±0.3 ±0.25	E	REVISED (J90681)	H.H Y.Y	'89/8/25	DRAWN BY '89/4/3 H.HIRAMOTO; CHK'D BY '94/4/20 M.FUKUSHIMA
10 未満 UNDER	±0.2	D	REVISED & REDRAWN (J90237)	H.H Y.Y	'89/4/3	APP'D BY '94/4/20 M.FUKUSHIMA; 尺度 SCALE 4 : 1
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

DWG. NO. SD-5566-N***-* SHEET 1 OF 4 REV J

5566.S31

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

EN-0IC(032)MXJ-32

DWG. NO. SD-5566-N****-*

8	7	6	5	4	3	2	1	
NOT TOOLED	5566-24APB-310	NOT TOOLED	5566-24AGS2-310	NOT TOOLED	5566-24AGS-310	NOT TOOLED	5566-24AS-310	NOT TOOLED	5566-24A-310	24
	-22APB-310		-22AGS2-310		-22AGS-310		-22AS-310		-22A-310	22
	-20APB-310		-20AGS2-310		-20AGS-310		-20AS-310		-20A-310	20
	-18APB-310		-18AGS2-310		-18AGS-310		-18AS-310		-18A-310	18
	-16APB-310		-16AGS2-310		-16AGS-310		-16AS-310		-16A-310	16
	-14APB-310		-14AGS2-310		-14AGS-310		-14AS-310		-14A-310	14
	-12APB-310		-12AGS2-310		-12AGS-310		-12AS-310		-12A-310	12
	-10APB-310		-10AGS2-310		-10AGS-310		-10AS-310		-10A-310	10
	-08APB-310		-08AGS2-310		-08AGS-310		-08AS-310		-08A-310	8
	-06APB-310		-06AGS2-310		-06AGS-310		-06AS-310		-06A-310	6
	-04APB-310		-04AGS2-310		-04AGS-310		-04AS-310		-04A-310	4
NOT TOOLED	5566-02APB-310	NOT TOOLED	5566-02AGS2-310	NOT TOOLED	5566-02AGS-310	NOT TOOLED	5566-02AS-310	NOT TOOLED	5566-02A-310	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAPB-310		5566-NAGS2-310		5566-NAGS-310		5566-NAS-310		5566-NA-310		
39-29-5247	5566-24APB-210	39-30-9245	5566-24AGS2-210	39-29-6248	5566-24AGS-210	39-30-6242	5566-24AS-210	39-28-8240	5566-24A-210	24
-5227	-22APB-210	-9225	-22AGS2-210	-6228	-22AGS-210	-6222	-22AS-210	-8220	-22A-210	22
-5207	-20APB-210	-9205	-20AGS2-210	-6208	-20AGS-210	-6202	-20AS-210	-8200	-20A-210	20
-5187	-18APB-210	-9185	-18AGS2-210	-6188	-18AGS-210	-6182	-18AS-210	-8180	-18A-210	18
-5167	-16APB-210	-9165	-16AGS2-210	-6168	-16AGS-210	-6162	-16AS-210	-8160	-16A-210	16
-5147	-14APB-210	-9145	-14AGS2-210	-6148	-14AGS-210	-6142	-14AS-210	-8140	-14A-210	14
-5127	-12APB-210	-9125	-12AGS2-210	-6128	-12AGS-210	-6122	-12AS-210	-8120	-12A-210	12
-5107	-10APB-210	-9105	-10AGS2-210	-6108	-10AGS-210	-6102	-10AS-210	-8100	-10A-210	10
-5087	-08APB-210	-9085	-08AGS2-210	-6088	-08AGS-210	-6082	-08AS-210	-8080	-08A-210	8
-5067	-06APB-210	-9065	-06AGS2-210	-6068	-06AGS-210	-6062	-06AS-210	-8060	-06A-210	6
-5047	-04APB-210	-9045	-04AGS2-210	-6048	-04AGS-210	-6042	-04AS-210	-8040	-04A-210	4
39-29-5027	5566-02APB-210	39-30-9025	5566-02AGS2-210	39-29-6028	5566-02AGS-210	39-30-6022	5566-02AS-210	39-28-8020	5566-02A-210	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAPB-210		5566-NAGS2-210		5566-NAGS-210		5566-NAS-210		5566-NA-210		
39-29-5246	5566-24APB	39-30-9244	5566-24AGS2	39-29-0243	5566-24AGS	39-30-6241	5566-24AS	39-28-1243	5566-24A	24
-5226	-22APB	-9224	-22AGS2	-0223	-22AGS	-6221	-22AS	-1223	-22A	22
-5206	-20APB	-9204	-20AGS2	-0203	-20AGS	-6201	-20AS	-1203	-20A	20
-5186	-18APB	-9184	-18AGS2	-0183	-18AGS	-6181	-18AS	-1183	-18A	18
-5166	-16APB	-9164	-16AGS2	-0163	-16AGS	-6161	-16AS	-1163	-16A	16
-5146	-14APB	-9144	-14AGS2	-0143	-14AGS	-6141	-14AS	-1143	-14A	14
-5126	-12APB	-9124	-12AGS2	-0123	-12AGS	-6121	-12AS	-1123	-12A	12
-5106	-10APB	-9104	-10AGS2	-0103	-10AGS	-6101	-10AS	-1103	-10A	10
-5086	-08APB	-9084	-08AGS2	-0083	-08AGS	-6081	-08AS	-1083	-08A	8
-5066	-06APB	-9064	-06AGS2	-0063	-06AGS	-6061	-06AS	-1063	-06A	6
-5046	-04APB	-9044	-04AGS2	-0043	-04AGS	-6041	-04AS	-1043	-04A	4
39-29-5026	5566-02APB	39-30-9024	5566-02AGS2	39-29-0023	5566-02AGS	39-30-6021	5566-02AS	39-28-1023	5566-02A	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAPB		5566-NAGS2		5566-NAGS		5566-NAS		5566-NA		

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

5566-N***-*	J	SEE SHEET 1 OF 4	M.N K.T	'04/5/25
MODEL NO.	H	SEE SHEET 1 OF 4	H.H M.F	'94/4/19
角度 ANGLE ±3°	G	SEE SHEET 1 OF 4	H.H Y.Y	'91/3/7
30以上 OVER ±0.3	F	SEE SHEET 1 OF 4	H.H Y.Y	'90/6/8
10以上 OVER 30未満 UNDER ±0.25	E	SEE SHEET 1 OF 4	H.H Y.Y	'89/8/25
10未満 UNDER ±0.2	D	SEE SHEET 1 OF 4	H.H Y.Y	'89/4/3
一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE

材料 MATERIAL SEE NOTE 2

仕上げ FINISH SEE NOTE 2

適用電線範囲 WIRE RANGE

被覆外径 INS. RANGE

DRAWN BY '89/4/3 H.HIRAMOTO | CHK'D BY '94/4/20 M.FUKUSHIMA

APP'D BY '94/4/20 M.FUKUSHIMA | 尺度 SCALE

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

DWG. NO. SD-5566-N***-* | SHEET 2 OF 4 | REV J

5566.S32

EN-0IC(032)MXJ-32

DWG. NO. SD-5566-N****-*

8	7	6	5	4	3	2	1	
NOT TOOLED	5566-24BGS2-310	NOT TOOLED	5566-24BGS-310	NOT TOOLED	5566-24BS-310	NOT TOOLED	5566-24B-310	NOT TOOLED	5566-24APBS-310	24
↑	↑ -22BGS2-310	↑	↑ -22BGS-310	↑	↑ -22BS-310	↑	↑ -22B-310	↑	↑ -22APBS-310	22
	-20BGS2-310		-20BGS-310		-20BS-310		-20B-310		-20APBS-310	20
	-18BGS2-310		-18BGS-310		-18BS-310		-18B-310		-18APBS-310	18
	-16BGS2-310		-16BGS-310		-16BS-310		-16B-310		-16APBS-310	16
	-14BGS2-310		-14BGS-310		-14BS-310		-14B-310		-14APBS-310	14
	-12BGS2-310		-12BGS-310		-12BS-310		-12B-310		-12APBS-310	12
	-10BGS2-310		-10BGS-310		-10BS-310		-10B-310		-10APBS-310	10
	-08BGS2-310		-08BGS-310		-08BS-310		-08B-310		-08APBS-310	8
	-06BGS2-310		-06BGS-310		-06BS-310		-06B-310		-06APBS-310	6
↓	↓ -04BGS2-310	↓	↓ -04BGS-310	↓	↓ -04BS-310	↓	↓ -04B-310	↓	↓ -04APBS-310	4
NOT TOOLED	5566-02BGS2-310	NOT TOOLED	5566-02BGS-310	NOT TOOLED	5566-02BS-310	NOT TOOLED	5566-02B-310	NOT TOOLED	5566-02APBS-310	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS2-310		5566-NBGS-310		5566-NBS-310		5566-NB-310		5566-NAPBS-310		
39-30-9247	5566-24BGS2-210	39-31-0248	5566-24BGS-210	39-31-0242	5566-24BS-210	39-31-0240	5566-24B-210	39-30-6244	5566-24APBS-210	24
↑ -9227	↑ -22BGS2-210	↑ -0228	↑ -22BGS-210	↑ -0222	↑ -22BS-210	↑ -0220	↑ -22B-210	↑ -6224	↑ -22APBS-210	22
-9207	-20BGS2-210	-0208	-20BGS-210	-0202	-20BS-210	-0200	-20B-210	-6204	-20APBS-210	20
-9187	-18BGS2-210	-0188	-18BGS-210	-0182	-18BS-210	-0180	-18B-210	-6184	-18APBS-210	18
-9167	-16BGS2-210	-0168	-16BGS-210	-0162	-16BS-210	-0160	-16B-210	-6164	-16APBS-210	16
-9147	-14BGS2-210	-0148	-14BGS-210	-0142	-14BS-210	-0140	-14B-210	-6144	-14APBS-210	14
-9127	-12BGS2-210	-0128	-12BGS-210	-0122	-12BS-210	-0120	-12B-210	-6124	-12APBS-210	12
-9107	-10BGS2-210	-0108	-10BGS-210	-0102	-10BS-210	-0100	-10B-210	-6104	-10APBS-210	10
-9087	-08BGS2-210	-0088	-08BGS-210	-0082	-08BS-210	-0080	-08B-210	-6084	-08APBS-210	8
-9067	-06BGS2-210	-0068	-06BGS-210	-0062	-06BS-210	-0060	-06B-210	-6064	-06APBS-210	6
↓ -9047	↓ -04BGS2-210	↓ -0048	↓ -04BGS-210	↓ -0042	↓ -04BS-210	↓ -0040	↓ -04B-210	↓ -6044	↓ -04APBS-210	4
39-30-9027	5566-02BGS2-210	39-31-0028	5566-02BGS-210	39-31-0022	5566-02BS-210	39-31-0020	5566-02B-210	39-30-6024	5566-02APBS-210	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS2-210		5566-NBGS-210		5566-NBS-210		5566-NB-210		5566-NAPBS-210		
39-30-9246	5566-24BGS2	39-31-0247	5566-24BGS	39-31-0241	5566-24BS	39-29-3246	5566-24B	39-30-6243	5566-24APBS	24
↑ -9226	↑ -22BGS2	↑ -0227	↑ -22BGS	↑ -0221	↑ -22BS	↑ -3226	↑ -22B	↑ -6223	↑ -22APBS	22
-9206	-20BGS2	-0207	-20BGS	-0201	-20BS	-3206	-20B	-6203	-20APBS	20
-9186	-18BGS2	-0187	-18BGS	-0181	-18BS	-3186	-18B	-6183	-18APBS	18
-9166	-16BGS2	-0164	-16BGS	-0161	-16BS	-3166	-16B	-6163	-16APBS	16
-9146	-14BGS2	-0147	-14BGS	-0141	-14BS	-3146	-14B	-6143	-14APBS	14
-9126	-12BGS2	-0127	-12BGS	-0121	-12BS	-3126	-12B	-6123	-12APBS	12
-9106	-10BGS2	-0107	-10BGS	-0101	-10BS	-3106	-10B	-6103	-10APBS	10
-9086	-08BGS2	-0087	-08BGS	-0081	-08BS	-3086	-08B	-6083	-08APBS	8
-9066	-06BGS2	-0067	-06BGS	-0061	-06BS	-3066	-06B	-6063	-06APBS	6
↓ -9046	↓ -04BGS2	↓ -0047	↓ -04BGS	↓ -0041	↓ -04BS	↓ -3046	↓ -04B	↓ -6043	↓ -04APBS	4
39-30-9026	5566-02BGS2	39-31-0027	5566-02BGS	39-31-0021	5566-02BS	39-29-3026	5566-02B	39-30-6023	5566-02APBS	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS2		5566-NBGS		5566-NBS		5566-NB		5566-NAPBS		

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

5566-N***-*	J	SEE SHEET 1 OF 4	M.N K.T	'04/5/25	材料 MATERIAL: SEE NOTE 2
MODEL NO.	H	SEE SHEET 1 OF 4	H.H M.F	'94/4/19	仕上げ FINISH: SEE NOTE 2
角度 ANGLE ±3°	G	SEE SHEET 1 OF 4	H.H Y.Y	'91/3/7	適用電線範囲 WIRE RANGE: —
30以上 OVER ±0.3	F	SEE SHEET 1 OF 4	H.H Y.Y	'90/6/8	被覆外径 INS. RANGE: —
10以上 OVER 30未満 UNDER ±0.25	E	SEE SHEET 1 OF 4	H.H Y.Y	'89/8/25	DRAWN BY '89/4/3 H.HIRAMOTO; CHK'D BY '94/4/20 M.FUKUSHIMA
10未満 UNDER ±0.2	D	SEE SHEET 1 OF 4	H.H Y.Y	'89/4/3	APP'D BY '94/4/20 M.FUKUSHIMA; 尺度 SCALE: —
一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称

NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

DWG. NO. SD-5566-N***-* SHEET 3 OF 4 REV J

5566.S33

EN-0IC(032)MXJ-32

NOT TOOLED	5566-24BPBS-310	NOT TOOLED	5566-24BPB-310	24
↑	↑ -22BPBS-310	↑	↑ -22BPB-310	22
	-20BPBS-310		-20BPB-310	20
	-18BPBS-310		-18BPB-310	18
	-16BPBS-310		-16BPB-310	16
	-14BPBS-310		-14BPB-310	14
	-12BPBS-310		-12BPB-310	12
	-10BPBS-310		-10BPB-310	10
	-08BPBS-310		-08BPB-310	8
	-06BPBS-310		-06BPB-310	6
↓	↓ -04BPBS-310	↓	↓ -04BPB-310	4
NOT TOOLED	5566-02BPBS-310	NOT TOOLED	5566-02BPB-310	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE
5566-NBPBS-310		5566-NBPB-310		
39-31-0246	5566-24BPBS-210	39-31-0244	5566-24BPB-210	24
↑ -0226	↑ -22BPBS-210	↑ -0224	↑ -22BPB-210	22
-0206	-20BPBS-210	-0204	-20BPB-210	20
-0186	-18BPBS-210	-0184	-18BPB-210	18
-0166	-16BPBS-210	-0164	-16BPB-210	16
-0146	-14BPBS-210	-0144	-14BPB-210	14
-0126	-12BPBS-210	-0124	-12BPB-210	12
-0106	-10BPBS-210	-0104	-10BPB-210	10
-0086	-08BPBS-210	-0084	-08BPB-210	8
-0066	-06BPBS-210	-0064	-06BPB-210	6
↓ -0046	↓ -04BPBS-210	↓ -0044	↓ -04BPB-210	4
39-31-0026	5566-02BPBS-210	39-31-0024	5566-02BPB-210	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE
5566-NBPBS-210		5566-NBPB-210		

39-35-0248	5566-24A-400	39-31-0245	5566-24BPBS	39-31-0243	5566-24BPB	24
↑ -0228	↑ -22A-400	↑ -0225	↑ -22BPBS	↑ -0223	↑ -22BPB	22
-0208	-20A-400	-0205	-20BPBS	-0203	-20BPB	20
-0188	-18A-400	-0185	-18BPBS	-0183	-18BPB	18
-0168	-16A-400	-0165	-16BPBS	-0163	-16BPB	16
-0148	-14A-400	-0145	-14BPBS	-0143	-14BPB	14
-0128	-12A-400	-0125	-12BPBS	-0123	-12BPB	12
-0108	-10A-400	-0105	-10BPBS	-0103	-10BPB	10
-0088	-08A-400	-0085	-08BPBS	-0083	-08BPB	8
-0068	-06A-400	-0065	-06BPBS	-0063	-06BPB	6
↓ -0048	↓ -04A-400	↓ -0045	↓ -04BPBS	↓ -0043	↓ -04BPB	4
39-35-0028	5566-02A-400	39-31-0025	5566-02BPBS	39-31-0023	5566-02BPB	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE
5566-NA-400		5566-NBPBS		5566-NBPB		

DWG. NO. SD-5566-N***-*

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

24

5566-N***-*	J	SEE SHEET 1 OF 4	M.N K.T	'04/5/25
MODEL NO.	H	SEE SHEET 1 OF 4	H.H M.F	'94/4/19
角度 ANGLE ±3°	G	SEE SHEET 1 OF 4	H.H Y.Y	'91/3/7
30以上 OVER ±0.3	F	SEE SHEET 1 OF 4	H.H Y.Y	'90/6/8
10以上 OVER 30未満 UNDER ±0.25	E	SEE SHEET 1 OF 4	H.H Y.Y	'89/8/25
10未満 UNDER ±0.2	D	SEE SHEET 1 OF 4	H.H Y.Y	'89/4/3
一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE

材料 MATERIAL: SEE NOTE 2

仕上げ FINISH: SEE NOTE 2

適用電線範囲 WIRE RANGE: —

被覆外径 INS. RANGE: —

DRAWN BY '89/4/3 H.HIRAMOTO | CHK'D BY '94/4/20 M.FUKUSHIMA

APP'D BY '94/4/20 M.FUKUSHIMA | 尺度 SCALE —

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

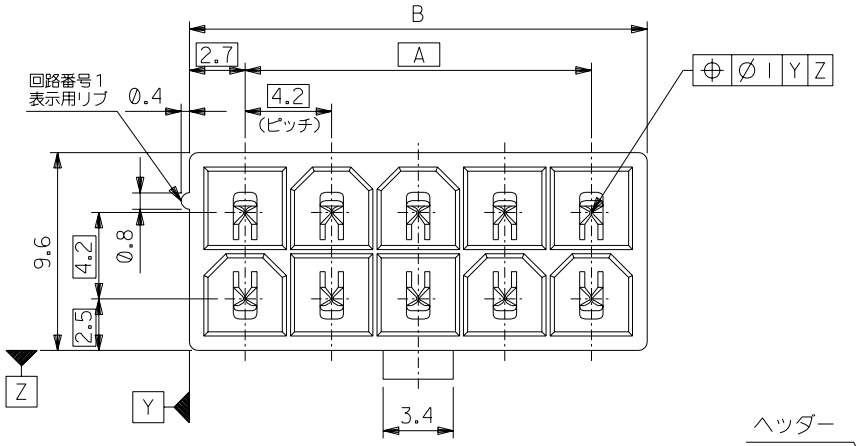
TITLE 名称

NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

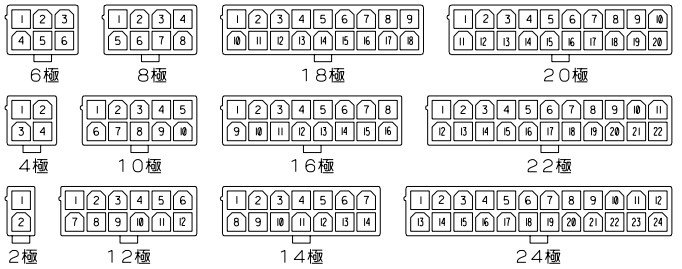
DWG. NO. SD-5566-N***-* | SHEET 4 OF 4 | REV J

5566.S34

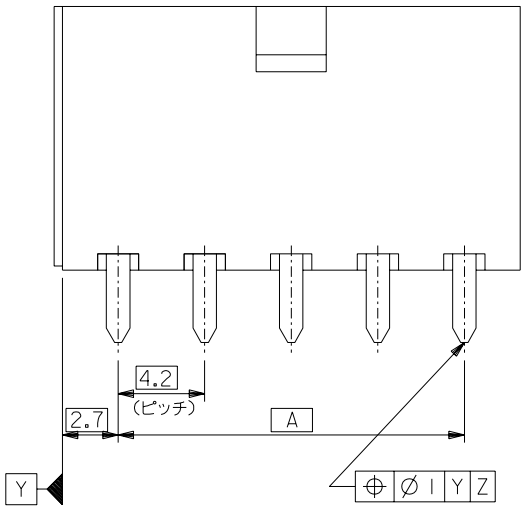
EN-0IC(032)MXJ-32

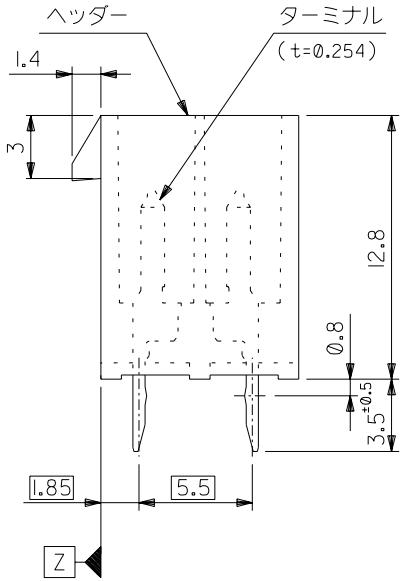


51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2
寸法 B	寸法 A	極数



極数別レイアウト図
(SCALE 1 : 1)



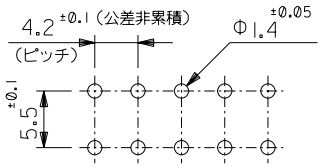


注 記

1. 嵌合相手 : 5557シリーズ
2. 使用符号の説明

5566 - N A * * - *

- ベースナンバー
- 極数
- アッセンブリー
- ターミナル材料
  - "BLANK" : 黄銅
  - PB : リン青銅
- ターミナルのメッキ
  - "BLANK" : 錫メッキ 0.9μm MIN.
  - GS : ニッケル 1.27μm MIN. 全面下地
    コンタクト部 金 0.76μm MIN.
    半田付け部 錫 2.54μm MIN.
- ヘッダー材料
  - "BLANK" : ナイロン 66, UL 94V-2
  - 210 : ナイロン 66, UL 94V-0
  - 400 : ナイロン 66, UL 94V-0, 黒



基板穴推奨寸法
(SCALE 2 : 1)

角度 ANGLE	±3°	F	変更 (J2004-4431)	M.N K.T	'04/5/26	材料 MATERIAL 注記 2 参照	MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
30 以上 OVER	±0.4 ~~±0.3~~	E	変更 (J00638)	H.H	'90/6/8	仕上げ FINISH 注記 2 参照	EDP. NO. SHEET 2 OF 2 参照
10 以上 30 未満 OVER UNDER	±0.3 ~~±0.25~~	D	変更&再作図 (J00510)	H.H Y.Y	'90/5/7	適用電線範囲 WIRE RANGE	ENG. NO. SD-5566-NA**-* / SHEET 1 OF 2 / REV F
10 未満 UNDER	±0.2	記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	被覆外径 INS. RANGE	
一般公差 GENERAL TOLERANCES		REVISE ONLY ON CAD SYSTEM				DRAWN BY '89/5/7 H.HIRAMOTO / CHK'D BY '91/10/29 M.FUKUSHIMA / APP'D BY '91/10/29 M.ENOMOTO / 尺度 SCALE 4 - 1	TITLE 名称 NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-

5566-NA**-*
MODEL NO.

5566.S21 A

39-35-0248	5566-24A-400	24
↑ -0228	↑ -22A-400	22
-0208	-20A-400	20
-0188	-18A-400	18
-0168	-16A-400	16
-0148	-14A-400	14
-0128	-12A-400	12
-0108	-10A-400	10
-0088	-08A-400	8
-0068	-06A-400	6
↓ -0048	↓ -04A-400	4
39-35-0028	5566-02A-400	2
EDP NO.	ENG. NO	極数
5566-NA-400		

39-29-5247	5566-24APB-210	39-29-6248	5566-24AGS-210	39-28-8240	5566-24A-210	24
↑ -5227	↑ -22APB-210	↑ -6228	↑ -22AGS-210	↑ -8220	↑ -22A-210	22
-5207	-20APB-210	-6208	-20AGS-210	-8200	-20A-210	20
-5187	-18APB-210	-6188	-18AGS-210	-8180	-18A-210	18
-5167	-16APB-210	-6168	-16AGS-210	-8160	-16A-210	16
-5147	-14APB-210	-6148	-14AGS-210	-8140	-14A-210	14
-5127	-12APB-210	-6128	-12AGS-210	-8120	-12A-210	12
-5107	-10APB-210	-6108	-10AGS-210	-8100	-10A-210	10
-5087	-08APB-210	-6088	-08AGS-210	-8080	-08A-210	8
-5067	-06APB-210	-6068	-06AGS-210	-8060	-06A-210	6
↓ -5047	↓ -04APB-210	↓ -6048	↓ -04AGS-210	↓ -8040	↓ -04A-210	4
39-29-5027	5566-02APB-210	39-29-6028	5566-02AGS-210	39-28-8020	5566-02A-210	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	極数
5566-NAPB-210		5566-NAGS-210		5566-NA-210		

39-29-5246	5566-24APB	39-29-0243	5566-24AGS	39-28-1243	5566-24A	24
↑ -5226	↑ -22APB	↑ -0223	↑ -22AGS	↑ -1223	↑ -22A	22
-5206	-20APB	-0203	-20AGS	-1203	-20A	20
-5186	-18APB	-0183	-18AGS	-1183	-18A	18
-5166	-16APB	-0163	-16AGS	-1163	-16A	16
-5146	-14APB	-0143	-14AGS	-1143	-14A	14
-5126	-12APB	-0123	-12AGS	-1123	-12A	12
-5106	-10APB	-0103	-10AGS	-1103	-10A	10
-5086	-08APB	-0083	-08AGS	-1083	-08A	8
-5066	-06APB	-0063	-06AGS	-1063	-06A	6
↓ -5046	↓ -04APB	↓ -0043	↓ -04AGS	↓ -1043	↓ -04A	4
39-29-5026	5566-02APB	39-29-0023	5566-02AGS	39-28-1023	5566-02A	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	極数
5566-NAPB		5566-NAGS		5566-NA		

5566-NA**-*
MODEL NO.

角度 ANGLE	±3°
30以上 OVER	±0.3
10以上 OVER 30未満 UNDER	±0.25
10未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

LTR	変更内容 REVISION RECORD	DR.	CHK.	日付 DATE
F	SEE SHEET 1 OF 2	M.N	K.T	'04/5/26
E	SEE SHEET 1 OF 2	H.H		'90/6/8
D	SEE SHEET 1 OF 2	H.H	Y.Y	'90/5/7

REVISE ONLY ON CAD SYSTEM

材料 MATERIAL: 注記 2 参照
仕上げ FINISH: 注記 2 参照
適用電線範囲 WIRE RANGE:
被覆外径 INS. RANGE:
DRAWN BY '90/5/7 H.HIRAMOTO
CHK'D BY '91/10/29 M.FUKUSHIMA
APP'D BY '91/10/29 M.ENOMOTO
尺度 SCALE:

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

EDP. NO. 表 参照

ENG. NO. SD-5566-NA**-* | SHEET 2 OF 2 | REV F

TITLE 名称
NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-

5566.S22 A

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

EDP NO. 表 参照

ENG. NO SD-5566-NA**-*