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Jameco Part Number 1302924

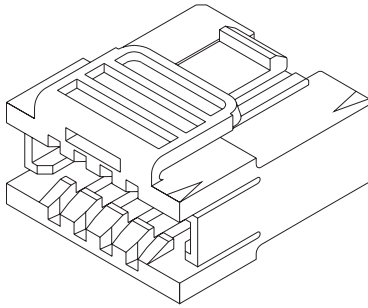
2.54mm (.100") Pitch

SL™

Interim Clip

70013

Dual Row



Not For Use With Molex C-Grid III™ Components

Circuits	Order No.	
	Version A Without Ribs	Version B With Ribs
6	15-04-5061	15-04-5064
8	15-04-5081	15-04-5084
10	15-04-5101	15-04-5104
12	15-04-5121	15-04-5124
14	15-04-5141	15-04-5144
16	15-04-5161	15-04-5164
18	15-04-5181	15-04-5184
20	15-04-5201	15-04-5204

Features and Benefits

- Sizes 6 to 50 circuits
- Positive latch retains clip to dual row panel mount or headers
- Optional front polarization rib available (version B)
- Stacks single row 70066/70400D assemblies side-to-side and end-to-end to form a larger dual row connector, accepts 70450C dual row connector to provide positive latch feature

Reference Information

Packaging: Bag

UL File No.: E29179

CSA File No.: LR19980

Mates With: 70013, Version A—8724B and 70567B

70013, Version B—70022, 70567C, 70568, 71349 and 70229

Use With: 70066D housing and 70021 terminals, 70450C housing and 70021 terminals, 70430D and 70400D connector assemblies

Designed In: Inches

Physical

Housing: Black polyester, UL 94V-0

Operating Temperature: -40 to +105°C

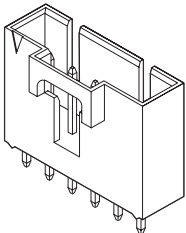
2.54mm (.100") Pitch

SL™

Wire-to-Board Shrouded Header

70543

Single Row, .120" Pocket Vertical



Not For Use With C-Grid III™ Components

Circuits	Order No.			Lead-free
	150µ" Tin	15µ" Gold	30µ" Gold	
2	70543-0036	70543-0001	70543-0106	Yes
3	70543-0037	70543-0002	70543-0107	
4	70543-0038	70543-0003	70543-0108	
5	70543-0039	70543-0004	70543-0109	
6	70543-0040	70543-0005	70543-0110	
7	70543-0041	70543-0006	70543-0111	
8	70543-0042	70543-0007	70543-0112	
9	70543-0043	70543-0008	70543-0113	
10	70543-0044	70543-0009	70543-0114	
11	70543-0045	70543-0010	70543-0115	
12	70543-0046	70543-0011	70543-0116	
13	70543-0047	70543-0012	70543-0117	

Features and Benefits

- Sizes 2 to 25 circuits
- Locking crown secures positive latch to header
- Polarization slots guide front ribs of mating connector to prevent pin damage
- Standoffs minimize flux retention

Reference Information

Product Specification: PS-70541

Packaging: Tube

UL File No.: E29179

CSA File No.: LR19980

Mates With: 70066G, 70066N, 70400G and 70430G

Designed In: Inches

Electrical

Voltage: 250V

Current: 3.0A

Contact Resistance: 15 milliohms max.

Dielectric Withstanding Voltage: 1500V

Insulation Resistance: 10,000 Megohms min.

Mechanical

Durability: Tin—25 cycles; Gold—50 cycles

Physical

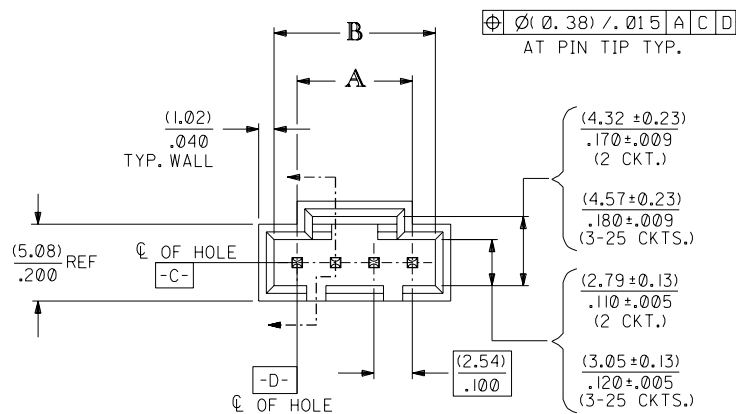
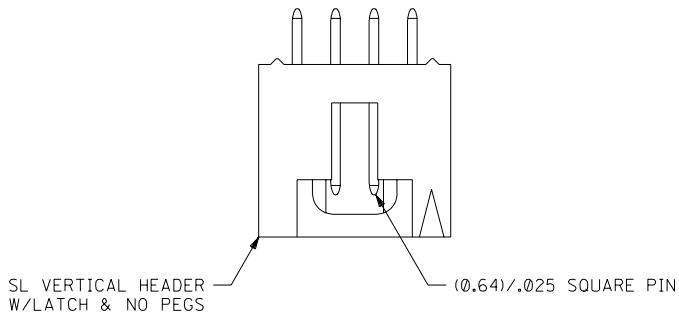
Housing: Black polyester, UL 94V-0

Contact: Copper Alloy

Plating: See Table

Operating Temperature: -40 to +105°C

Circuits	Order No.			Lead-free
	150µ" Tin	15µ" Gold	30µ" Gold	
14	70543-0048	70543-0013	70543-0118	Yes
15	70543-0049	70543-0014	70543-0119	
16	70543-0050	70543-0015	70543-0120	
17	70543-0051	70543-0016	70543-0121	
18	70543-0052	70543-0017	70543-0122	
19	70543-0053	70543-0018	70543-0123	
20	70543-0054	70543-0019	70543-0124	
21	70543-0055	70543-0020	70543-0125	
22	70543-0056	70543-0021	70543-0126	
23	70543-0057	70543-0022	70543-0127	
24	70543-0058	70543-0023	70543-0128	
25	70543-0059	70543-0024	70543-0129	



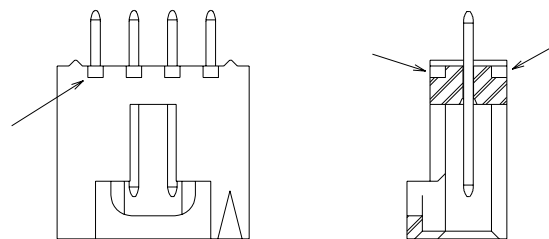
NOTES:

1. HEADER MATERIAL: GLASS FILLED POLYESTER; UL94V-0; COLOR: BLACK
PIN MATERIAL: PHOSPHOR BRONZE
2. HEADER TO BE USED WITH OPTION 'G' 70400 AND 70430 SERIES SL CONNECTORS.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-70541.
4. STANDARD PACKAGING PER PK-70873-0014.
5. MEASURE POINT FOR PLATING THICKNESS.

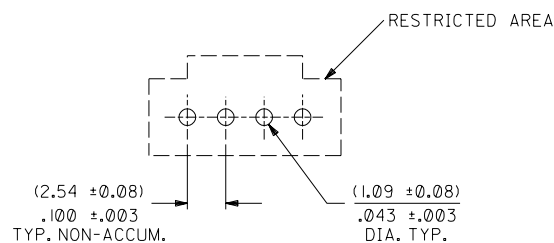
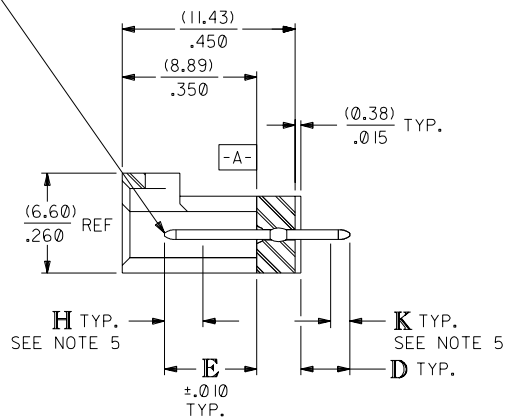
PLATING:

- TIN - .000150 MINIMUM TIN PLATE
OVER .000050 MINIMUM NICKEL PLATE.
- 15 GOLD - .000015 MINIMUM GOLD PLATE IN SELECT AREA,
.000075 MINIMUM TIN PLATE IN SELECT AREA,
OVER .000050 MINIMUM NICKEL PLATE OVERALL.
- 30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREA,
.000075 MINIMUM TIN PLATE IN SELECT AREA,
OVER .000050 MINIMUM NICKEL PLATE OVERALL.

*THE PRIMARY SHIPPING CARTON WILL BE LABELED 'COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC'. CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.



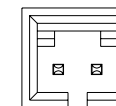
ALTERNATIVE CORING MANUFACTURER'S OPTION



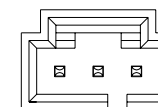
RECOMMENDED PC BOARD LAYOUT

(FOR USE WITH (1.57)/.062 THICK BOARD)

CKT. SIZE	DIM. "A"		DIM. "B"	
	MM	IN.	MM	IN.
2	2.54	.100	5.33	.210
3	5.08	.200	8.13	.320
4	7.62	.300	10.67	.420
5	10.16	.400	13.21	.520
6	12.70	.500	15.75	.620
7	15.24	.600	18.29	.720
8	17.78	.700	20.83	.820
9	20.32	.800	23.37	.920
10	22.86	.900	25.91	1.020
11	25.40	1.000	28.45	1.120
12	27.94	1.100	30.99	1.220
13	30.48	1.200	33.53	1.320
14	33.02	1.300	36.07	1.420
15	35.56	1.400	38.61	1.520
16	38.10	1.500	41.15	1.620
17	40.64	1.600	43.69	1.720
18	43.18	1.700	46.23	1.820
19	45.72	1.800	48.77	1.920
20	48.26	1.900	51.31	2.020
21	50.80	2.000	53.85	2.120
22	53.34	2.100	56.39	2.220
23	55.88	2.200	58.93	2.320
24	58.42	2.300	61.47	2.420
25	60.96	2.400	64.01	2.520



2 CIRCUIT



3 CIRCUIT

G		ADD LONGER TAILS ECN* UCP2003-0086 DMORGAN 02/07/16		DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM																																															
F		UPDATE REVISION PER UDT2001-1382 BSMART 01/05/30		<table border="1"> <tr> <th colspan="2">INCH</th> <th colspan="2">METRIC</th> </tr> <tr> <td>3 PLACE</td> <td>± .005</td> <td></td> <td></td> </tr> <tr> <td>2 PLACE</td> <td>± .01</td> <td>± 0.13</td> <td></td> </tr> <tr> <td>1 PLACE</td> <td></td> <td>± 0.25</td> <td></td> </tr> </table>		INCH		METRIC		3 PLACE	± .005			2 PLACE	± .01	± 0.13		1 PLACE		± 0.25		<table border="1"> <tr> <td>FILE NAME</td> <td>70543X1</td> <td>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.</td> <td>DATE</td> <td>09/22/87</td> </tr> <tr> <td>PART NO.</td> <td>SEE SHEET 2</td> <td>DRWG. NO.</td> <td>SDA-70543-****</td> <td></td> </tr> <tr> <td>FILE NAME</td> <td>70543X1</td> <td>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.</td> <td>DATE</td> <td>09/22/87</td> </tr> <tr> <td>PART NO.</td> <td>SEE SHEET 2</td> <td>DRWG. NO.</td> <td>SDA-70543-****</td> <td></td> </tr> <tr> <td>FILE NAME</td> <td>70543X1</td> <td>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.</td> <td>DATE</td> <td>09/22/87</td> </tr> <tr> <td>PART NO.</td> <td>SEE SHEET 2</td> <td>DRWG. NO.</td> <td>SDA-70543-****</td> <td></td> </tr> </table>		FILE NAME	70543X1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	DATE	09/22/87	PART NO.	SEE SHEET 2	DRWG. NO.	SDA-70543-****		FILE NAME	70543X1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	DATE	09/22/87	PART NO.	SEE SHEET 2	DRWG. NO.	SDA-70543-****		FILE NAME	70543X1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	DATE	09/22/87	PART NO.	SEE SHEET 2	DRWG. NO.	SDA-70543-****	
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H		LEAD FREE UCP2004-1769 RWWHITE 04/03/25		<table border="1"> <tr> <td>DRWG. BY</td> <td>AAB</td> <td>CHKD. BY</td> <td>MJM</td> </tr> <tr> <td>APPD. BY</td> <td>WAZ</td> <td>SCALE</td> <td>4 : 1</td> </tr> </table>		DRWG. BY	AAB	CHKD. BY	MJM	APPD. BY	WAZ	SCALE	4 : 1	<table border="1"> <tr> <td>2</td> <td>H</td> </tr> <tr> <td>1</td> <td>H</td> </tr> <tr> <td>MFG.</td> <td>SH. REV.</td> </tr> </table>		2	H	1	H	MFG.	SH. REV.																																
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I3		I2		I1		I0		9		8		7		6		70543		4		3		2		1		J
CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 70543	MANUFACTURE RELEASE STATUS				D REF.	E ± .010		CONNECTOR END PLATING			P.C. BOARD END PLATING														
									TYPE	H MEAS.		TYPE	K MEAS.													
2-25	-0001-0024	R.F.M.				(3.30) .130	(6.10) .240		15	GOLD	(2.54) .100		TIN	(1.27) .050												
2-25	-0036-0059	R.F.M.				(3.30) .130	(6.10) .240			TIN	(2.54) .100		TIN	(1.27) .050												
2-25	-0071-0094	R.F.M.				(3.81) .150	(6.10) .240			TIN	(2.54) .100		TIN	(1.27) .050												
2-25	-0106-0129	R.F.M.				(3.30) .130	(6.10) .240		30	GOLD	(2.54) .100		TIN	(1.27) .050												
2-25	-0141-0164	R.F.M.				(2.54) .100	(6.10) .240		15	GOLD	(3.94) .155		TIN	(1.27) .050												
2-25	-0165-0188	R.F.M.				(3.81) .150	(6.10) .240		30	GOLD	(2.54) .100		TIN	(1.27) .050												
2-25	-0200-0223	R.F.M.				(3.81) .150	(6.10) .240		15	GOLD	(2.54) .100		TIN	(1.27) .050												
2-25	-0248-0271	R.F.M.				(4.06) .160	(6.10) .240			TIN	(2.54) .100		TIN	(1.27) .050												
2-25	-0272-0295	R.F.M.				(4.06) .160	(6.10) .240		15	GOLD	(2.54) .100		TIN	(1.27) .050												
2-25	-0296-0319	R.F.M.				(4.06) .160	(6.10) .240		30	GOLD	(2.54) .100		TIN	(1.27) .050												
CIRCUIT SIZE	ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		CIRCUIT SIZE	70543		
2		70543-0001		70543-0036		70543-0071		70543-0106		70543-0141		70543-0165		70543-0200		70543-0248		70543-0272		70543-0296	2					
3		70543-0002		70543-0037		70543-0072		70543-0107		70543-0142		70543-0166		70543-0201		70543-0249		70543-0273		70543-0297	3					
4		70543-0003		70543-0038		70543-0073		70543-0108		70543-0143		70543-0167		70543-0202		70543-0250		70543-0274		70543-0298	4					
5		70543-0004		70543-0039		70543-0074		70543-0109		70543-0144		70543-0168		70543-0203		70543-0251		70543-0275		70543-0299	5					
6		70543-0005		70543-0040		70543-0075		70543-0110		70543-0145		70543-0169		70543-0204		70543-0252		70543-0276		70543-0300	6					
7		70543-0006		70543-0041		70543-0076		70543-0111		70543-0146		70543-0170		70543-0205		70543-0253		70543-0277		70543-0301	7					
8		70543-0007		70543-0042		70543-0077		70543-0112		70543-0147		70543-0171		70543-0206		70543-0254		70543-0278		70543-0302	8					
9		70543-0008		70543-0043		70543-0078		70543-0113		70543-0148		70543-0172		70543-0207		70543-0255		70543-0279		70543-0303	9					
10		70543-0009		70543-0044		70543-0079		70543-0114		70543-0149		70543-0173		70543-0208		70543-0256		70543-0280		70543-0304	10					
11		70543-0010		70543-0045		70543-0080		70543-0115		70543-0150		70543-0174		70543-0209		70543-0257		70543-0281		70543-0305	11					
12		70543-0011		70543-0046		70543-0081		70543-0116		70543-0151		70543-0175		70543-0210		70543-0258		70543-0282		70543-0306	12					
13		70543-0012		70543-0047		70543-0082		70543-0117		70543-0152		70543-0176		70543-0211		70543-0259		70543-0283		70543-0307	13					
14		70543-0013		70543-0048		70543-0083		70543-0118		70543-0153		70543-0177		70543-0212		70543-0260		70543-0284		70543-0308	14					
15		70543-0014		70543-0049		70543-0084		70543-0119		70543-0154		70543-0178		70543-0213		70543-0261		70543-0285		70543-0309	15					
16		70543-0015		70543-0050		70543-0085		70543-0120		70543-0155		70543-0179		70543-0214		70543-0262		70543-0286		70543-0310	16					
17		70543-0016		70543-0051		70543-0086		70543-0121		70543-0156		70543-0180		70543-0215		70543-0263		70543-0287		70543-0311	17					
18		70543-0017		70543-0052		70543-0087		70543-0122		70543-0157		70543-0181		70543-0216		70543-0264		70543-0288		70543-0312	18					
19		70543-0018		70543-0053		70543-0088		70543-0123		70543-0158		70543-0182		70543-0217		70543-0265		70543-0289		70543-0313	19					
20		70543-0019		70543-0054		70543-0089		70543-0124		70543-0159		70543-0183		70543-0218		70543-0266		70543-0290		70543-0314	20					
21		70543-0020		70543-0055		70543-0090		70543-0125		70543-0160		70543-0184		70543-0219		70543-0267		70543-0291		70543-0315	21					
22		70543-0021		70543-0056		70543-0091		70543-0126		70543-0161		70543-0185		70543-0220		70543-0268		70543-0292		70543-0316	22					
23		70543-0022		70543-0057		70543-0092		70543-0127		70543-0162		70543-0186		70543-0221		70543-0269		70543-0293		70543-0317	23					
24		70543-0023		70543-0058		70543-0093		70543-0128		70543-0163		70543-0187		70543-0222		70543-0270		70543-0294		70543-0318	24					
25		70543-0024		70543-0059		70543-0094		70543-0129		70543-0164		70543-0188		70543-0223		70543-0271		70543-0295		70543-0319	25					
"X" IN COLUMN UNDER "ASSEMBLY ITEM NUMBER" HEADING DENOTES TOOLING NOT AVAILABLE																										
												H	SEE SHEET I	DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM		TITLE SALES ASSY, SL VERTICAL HEADER W/LATCH & NO PEGS (2.54) / .100 CENTERS								
												G	SEE SHEET I	INCH METRIC				3 PLACE ± .005								
												E	SEE SHEET I	2 PLACE ± .01 ± 0.13				1 PLACE ± 0.25								
												C1	SEE SHEET I	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				70543 MOLEX INCORPORATED U.S.A. 60532		SHEET NO. 2 DATE 09/23/87						
												B	SEE SHEET I	PART NO.		SEE CHART		SDA-70543-*****								
												A	SEE SHEET I	DRWG. BY AAB CHK'D. BY MJM		FILE NAME 570543X2		DIV. MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DA		C				
										LTR.	REVISIONS	LTR.	REVISIONS	APP'D. BY WAZ SCALE :												
I3		I2		I1		I0		9		8		7		6		5		4		3		2		1		