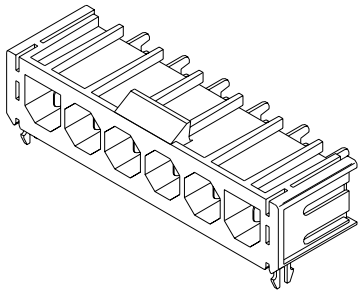
Jameco Part Number 800180

FEATURES AND SPECIFICATIONS

7.50mm (.295") Pitch Sabre™ Wire-to-Board Header

43160

Right Angle, Single Row, SMC With and without Board Lock



Features and Benefits

- Sizes 2 to 6 circuits
- Wire-to-board
- Surface Mount Compatible
- Optional board lock features offered in 1.57, 2.36, and 3.18mm (.062, .093 and .125") lengths
- Positive lock
- Fully polarized

Reference Information

Product Specification: PS-44441-9999
Packaging: Bag and tray
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: Applied for
Mates With: 44441 housing
Designed In: Inches

Electrical

Voltage: 1000V
Current: 18.0A max.*
Contact Resistance: 10mΩ max.
Dielectric Withstanding Voltage: 5000V
Insulation Resistance: 1000 MΩ min.

Mechanical

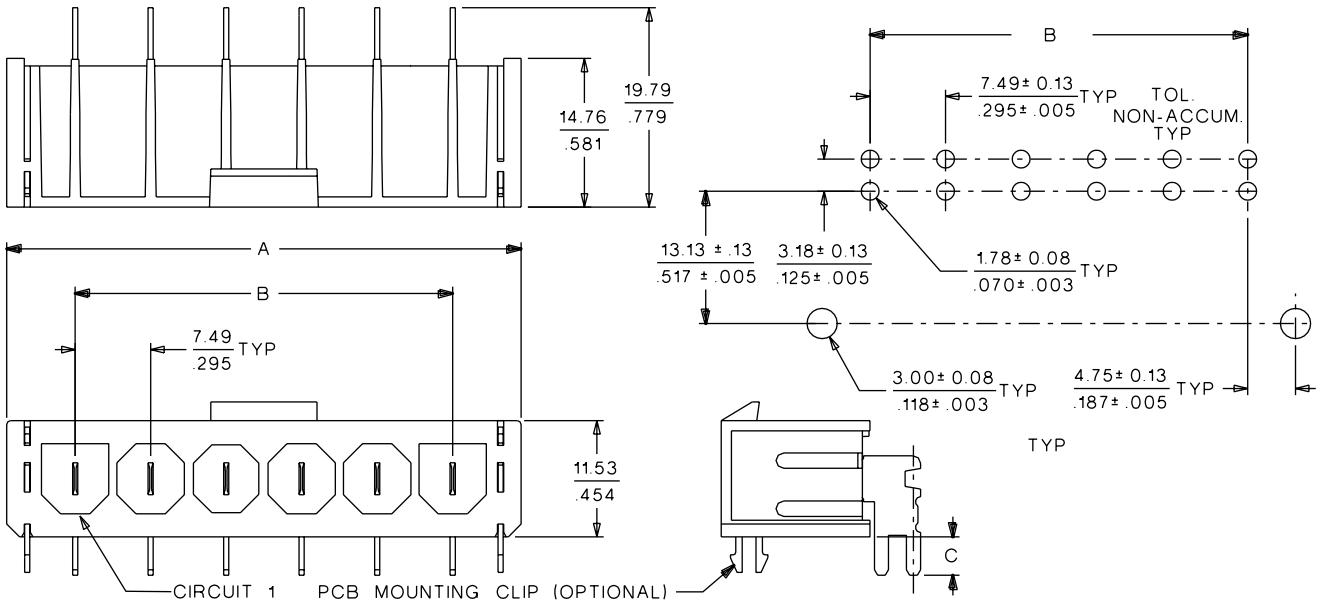
Insertion Force to PCB: 5 lb max.
Normal Force: 3 lb nominal
Durability: 25 cycles

Physical

Housing: Black glass-filled nylon, UL 94V-0
Contact: Brass
Plating: Tin
Operating Temperature: -40 to +75˚C
PCB Thickness: 1.57, 2.36, 3.18mm (.062, .093 and .125")

* Depending on circuit size, wire gauge and PCB. Please refer to product specification.

CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Without Board Lock				
Circuits	Order No.	Dimension		
		A	B	C
2	43160-1102	21.08 (.830)	7.49 (.295)	3.81 (.150)
2	43160-1302	21.08 (.830)	7.49 (.295)	5.33 (.210)
3	43160-1103	28.58 (1.125)	14.99 (.590)	3.81 (.150)
3	43160-1303	28.58 (1.125)	14.99 (.590)	5.33 (.210)
4	43160-1104	36.07 (1.420)	22.48 (.885)	3.81 (.150)
4	43160-1304	36.07 (1.420)	22.48 (.885)	5.33 (.210)
5	43160-1105	43.56 (1.715)	29.97 (1.180)	3.81 (.150)
5	43160-1305	43.56 (1.715)	29.97 (1.180)	5.33 (.210)
6	43160-1106	51.05 (2.010)	37.47 (1.475)	3.81 (.150)
6	43160-1306	51.05 (2.010)	37.47 (1.475)	5.33 (.210)

With Board Lock					
Circuits	Order No.	PCB Thickness	Dimension		
			A	B	C
2	43160-3102	.062	21.08 (.830)	7.49 (.295)	3.81 (.150)
2	43160-5302	.093	21.08 (.830)	7.49 (.295)	5.33 (.210)
2	43160-7302	.125	21.08 (.830)	7.49 (.295)	5.33 (.210)
3	43160-3103	.062	28.58 (1.125)	14.99 (.590)	3.81 (.150)
3	43160-5303	.093	28.58 (1.125)	14.99 (.590)	5.33 (.210)
3	43160-7303	.125	28.58 (1.125)	14.99 (.590)	5.33 (.210)
4	43160-3104	.062	36.07 (1.420)	22.48 (.885)	3.81 (.150)
4	43160-5304	.093	36.07 (1.420)	22.48 (.885)	5.33 (.210)
4	43160-7304	.125	36.07 (1.420)	22.48 (.885)	5.33 (.210)
5	43160-3105	.062	43.56 (1.715)	29.97 (1.180)	3.81 (.150)
5	43160-5305	.093	43.56 (1.715)	29.97 (1.180)	5.33 (.210)
5	43160-7305	.125	43.56 (1.715)	29.97 (1.180)	5.33 (.210)
6	43160-3106	.062	51.05 (2.010)	37.47 (1.475)	3.81 (.150)
6	43160-5306	.093	51.05 (2.010)	37.47 (1.475)	5.33 (.210)
6	43160-7306	.125	51.05 (2.010)	37.47 (1.475)	5.33 (.210)

MOLEX INCORPORATED
LISLE, ILL. 60532 U.S.A.

PRODUCT SPECIFICATION
SABRE
(.125/(3.18) X .020/(0.51) FLAT BLADE SYSTEM - TPA)

(FOR TIN PLATED BRASS TERMINALS AND UL94V-0 HOUSINGS ONLY)

1.0 SCOPE:
THIS SPECIFICATION COVERS THE 7.50 MM (.295 INCH) CENTERLINE TIN AND TIN/LEAD PLATED CONNECTOR SERIES TERMINATED WITH 18 TO 14 AWG WIRE USING CRIMP TECHNOLOGY.

2.0 PRODUCT DESCRIPTION:
2.1 PRODUCT NAME AND PART NUMBER

PRODUCT NAME	PART NUMBER
Plug Housing, 2 circuit	43680-2002
Plug Housing, 3 circuit	43680-2003
Plug Housing, 4 circuit	43680-2004
Plug Housing, 5 circuit	43680-2005
Plug Housing, 6 circuit	43680-2006
Right Angle Header, 2 circuit	(SEE SDA-43160-***)
Right Angle Header, 3 circuit	(SEE SDA-43160-***)
Right Angle Header, 4 circuit	(SEE SDA-43160-***)
Right Angle Header, 5 circuit	(SEE SDA-43160-***)
Right Angle Header, 6 circuit	(SEE SDA-43160-***)
Vertical Header, 2 circuit	(SEE SDA-43160-***)
Vertical Header, 3 circuit	(SEE SDA-43160-***)
Vertical Header, 4 circuit	(SEE SDA-43160-***)
Vertical Header, 5 circuit	(SEE SDA-43160-***)
Vertical Header, 6 circuit	(SEE SDA-43160-***)
Receptacle Housing, 2 circuit	44441-2002
Receptacle Housing, 3 circuit	44441-2003
Receptacle Housing, 4 circuit	44441-2004
Receptacle Housing, 5 circuit	44441-2005
Receptacle Housing, 6 circuit	44441-2006
Male Tab Crimp Terminal, Small	43178-1002
Male Tab Crimp Terminal, Large	43178-2002
MALE TAB CRIMP TERMINAL, SIDE BY SIDE	43178-3002
Receptacle Terminal, Small	43375-0001
Receptacle Terminal, Large	43375-1001

2.2 DIMENSIONS, MATERIALS, PLATINGS, AND MARKINGS
SEE THE APPROPRIATE DRAWINGS FOR INFORMATION ON DIMENSIONS, MATERIALS, PLATINGS, AND MARKINGS.

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3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS:
SEE THE DRAWINGS AND THE OTHER SECTIONS OF THIS SPECIFICATION FOR THE NECESSARY REFERENCED DOCUMENTS AND SPECIFICATIONS.

4.0 RATINGS:
4.1 VOLTAGE: 600 VOLTS AC RMS
4.2 CURRENT AND APPLICABLE WIRES:

WIRE SIZE	CURRENT	OUTSIDE INSULATION DIAMETER
14 AWG	18 AMPERES	4.57 MM (.180 INCHES)
16 AWG	TBD AMPERES	4.57 MM (.180 INCHES)
18 AWG	12 AMPERES	4.57 MM (.180 INCHES)

NOTE: THE CURRENT CAPACITY IS BASED ON EACH CIRCUIT POSITION BEING LOADED WITH THE GIVEN WIRE SIZE, AND THE RATED CURRENT APPLIED. THE CAPACITY FOR OTHER APPLICATIONS MAY BE HIGHER; CONTACT MOLEX FOR FURTHER INFORMATION.

4.3 TEMPERATURE:
OPERATING: - 40 DEGREES C TO + 75 DEGREES C
NONOPERATING: - 40 DEGREES C TO +100 DEGREES C

NOTE: THIS TEMPERATURE RATING IS A GUIDELINE. IF THERE IS A PRECEDENT FOR USING BRASS TERMINALS IN AN APPLICATION BEYOND THIS RATING, THEN THIS SYSTEM WILL LIKELY BE ACCEPTABLE; IN THAT CASE, RECOMMEND THAT TESTING BE PERFORMED.

5.0 PERFORMANCE:
5.1 ELECTRICAL PERFORMANCE
5.2 MECHANICAL PERFORMANCE
5.3 ENVIRONMENTAL PERFORMANCE

6.0 PACKAGING:
PARTS SHALL BE PACKAGED TO PROTECT AGAINST DAMAGE DURING HANDLING, TRANSIT, AND STORAGE.

7.0 GAUGES AND FIXTURES:
SKETCHES ARE PROVIDED AS REQUIRED.

DRWG. NO. PSX-44441-9999

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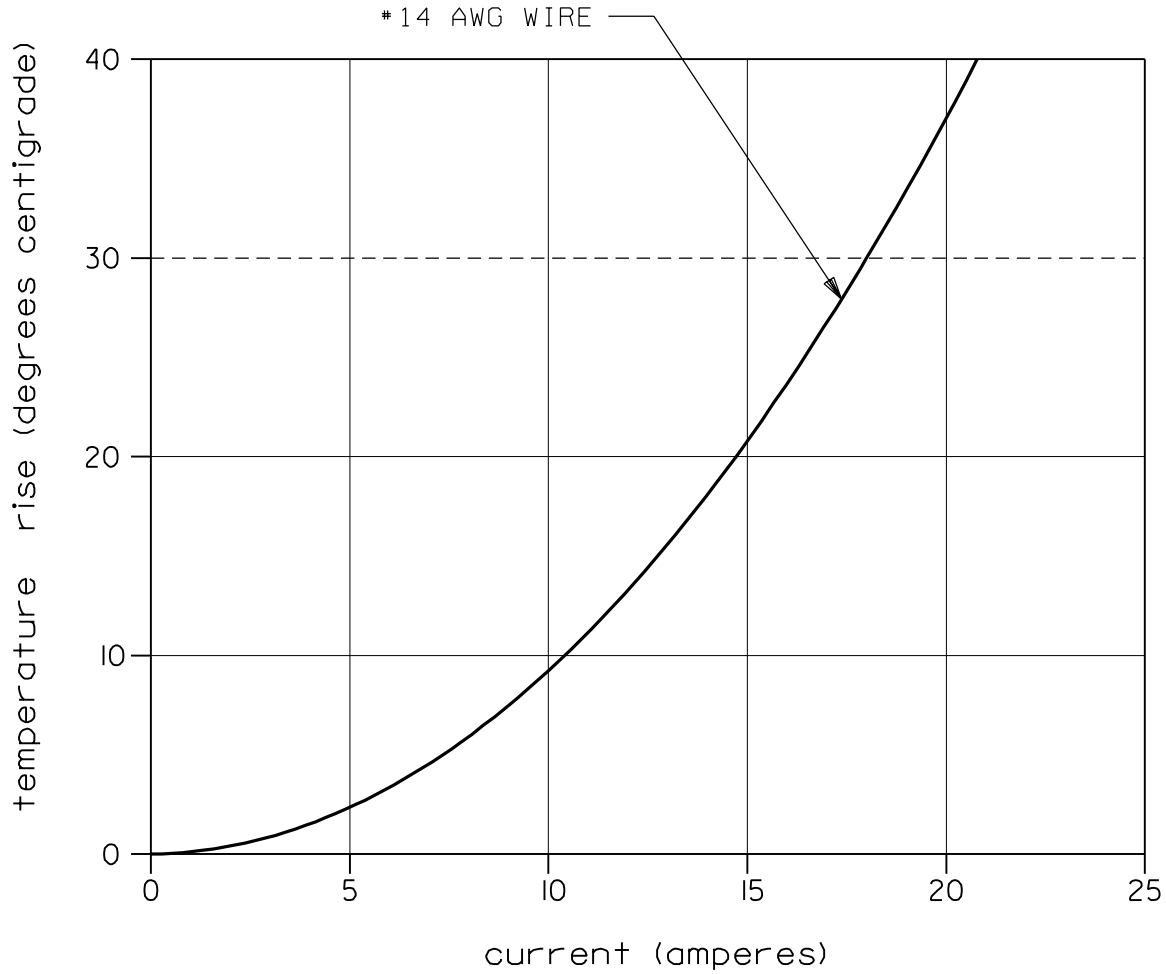
(FOR TIN PLATED BRASS TERMINALS AND UL94V-0 HOUSINGS ONLY)

8.0 TEMPERATURE RISE VERSUS CURRENT:



THIS DATA IS FOR BRASS TERMINALS LOADED IN EACH OF THE THREE POSITIONS OF MATED PLUG AND RECEPTACLE HOUSINGS.
ALL THREE CIRCUITS CARRY THE INDICATED CURRENT.

DRWG. NO. PSX-44441-9999

REV.
SHT.

FILE NAME			
T44441X03.DGN	C = 0 ▼ = 0	REVISE ONLY ON CAD SYSTEM	REV. 3
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SHT. 3

DRWG. NO. PSX-44441-9999

PRODUCT SPECIFICATION
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(FOR TIN PLATED BRASS TERMINALS AND UL94V-0 HOUSINGS ONLY)

5.1 ELECTRICAL PERFORMANCE

ITEM	TEST CONDITION	REQUIREMENT
CONTACT RESISTANCE (LOW LEVEL)	MATE CONNECTORS WITH A MAXIMUM VOLTAGE OF 20 MV AND A CURRENT OF 100 MA.	3.0 MOHMS MAX (INITIAL)
INSULATION RESISTANCE	MATE CONNECTORS WITH A VOLTAGE OF 500 VDC BETWEEN ADJACENT TERMINALS AND BETWEEN TERMINALS AND GROUND.	1000 MEGOHMS MIN (INITIAL)
DIELECTRIC WITHSTANDING VOLTAGE	MATE CONNECTORS WITH A VOLTAGE OF 5000 VAC FOR 1 MIN.	NO BREAKDOWN

PRODUCT SPECIFICATION
SABRE
(.125/(3.18) X .020/(0.51) FLAT BLADE SYSTEM - TPA)

(FOR TIN PLATED BRASS TERMINALS AND UL94V-0 HOUSINGS ONLY)

5.2 MECHANICAL PERFORMANCE

ITEM	TEST CONDITION	REQUIREMENT
CONNECTOR MATING & UN-MATING FORCE	INSERT AND WITHDRAW CONNECTORS AT A RATE OF 25 +/- 6 MM (1 +/- .250 INCHES) PER MIN.	MAX INSERT (3.0 LBS) PER TERMINAL MIN WITHDRAW (0.5 LBS) PER TERMINAL
TERMINAL RETENTION FORCE IN HOUSING	AXIAL PULL OUT FORCE ON THE TERMINAL IN THE HOUSING AT AT A RATE OF 25 +/- 6 MM (1 +/- .25 INCHES) PER MIN. (RECEPTACLE TERMINAL)	15 LBS MIN (TPA NOT ACTIVATED) 25 LBS MIN (WITH TPA ACTIVATED)
TERMINAL RETENTION FORCE IN HOUSING	AXIAL PULL OUT FORCE ON THE TERMINAL IN THE HOUSING AT AT A RATE OF 25 +/- 6 MM (1 +/- .25 INCHES) PER MIN. (MALE TAB CRIMP TERMINAL)	30 LBS MIN (TPA NOT ACTIVATED) 30 LBS MIN (WITH TPA ACTIVATED)
DURABILITY	MATE CONNECTOR 25 CYCLES AT A MAXIMUM RATE OF 10 CYCLES PER MIN. PRIOR TO THE ENVIRONMENTAL TESTS.	CONTACT RESISTANCE: 3.0 MOHMS MAX
VIBRATION	AMPLITUDE: 1.50 MM (.060 INCHES) PEAK TO PEAK SWEEP: 10-55-10 HZ IN ONE MIN. DURATION: 2 HOURS IN EACH X-Y-Z AXIS	CONTACT RESISTANCE: 5.0 MOHMS MAX NO DISCONTINUITY GREATER THAN ONE MICROSECOND
MECHANICAL SHOCK	50 G IN THE FORM OF THREE SAW TOOTH WAVEFORM SHOCKS IN EACH X-Y-Z AXIS.	CONTACT RESISTANCE: 5.0 MOHMS MAX NO DISCONTINUITY GREATER THAN ONE MICROSECOND

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(FOR TIN PLATED BRASS TERMINALS AND UL94V-0 HOUSINGS ONLY)

5.2 MECHANICAL PERFORMANCE (CONTINUED)

ITEM	TEST CONDITION	REQUIREMENT	
WIRE PULL OUT FORCE (AXIAL)	APPLY AN AXIAL PULL OUT FORCE ON THE WIRE AT A RATE OF 25 +/- 6 MM (1 +/- .250 INCHES)	AWG 14	MIN FORCE 50 LBS
		16	45 LBS
		18	30 LBS
TERMINAL INSERTION FORCE	APPLY AN AXIAL INSERTION FORCE ON THE TERMINAL AT A RATE OF 25 +/- 6 MM (1 +/- .250) PER MIN.	1.0 LBS MAX	

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5.3 ENVIRONMENTAL PERFORMANCE

ITEM	TEST CONDITION	REQUIREMENT
THERMAL SHOCK	MATED CONNECTORS TO BE EXPOSED TO 10 CYCLES OF: TEMPERATURE DEGREES C: -40 +0/-3; +105 +3/-0 DURATION MIN.: 30 +3/-0; 30 +3/-0	APPEARANCE: NO DAMAGE CONTACT RESISTANCE: 3.0 MOHMS MAX
THERMAL AGING	MATED CONNECTORS TO BE EXPOSED 240 HOURS AT 105 +/- 2 DEGREES C	APPEARANCE: NO DAMAGE CONTACT RESISTANCE 5.0 MOHMS MAX
HUMIDITY (STEADY STATE)	MATED CONNECTORS TO BE EXPOSED TO A TEMPERATURE OF 40 +/- 2 DEGREES C WITH A RELATIVE HUMIDITY OF 90 TO 95% FOR 96 HOURS.	APPEARANCE: NO DAMAGE CONTACT RESISTANCE 5.0 MOHMS MAX DIELECTRIC STRENGTH: NO BREAKDOWN INSULATION RESISTANCE: 1000 MEGOHMS MIN
HUMIDITY (CYCLIC)	MATED CONNECTORS TO BE EXPOSED TO TEMPERATURE/HUMIDITY CYCLING BETWEEN +25 C AND +65 C AT 95% RH, -10 C WITH HUMIDITY NOT CONTROLLED. [MIL-STD-1344A METHOD 1002.2] [TYPE II]	APPEARANCE: NO DAMAGE CONTACT RESISTANCE 5.0 MOHMS MAX DIELECTRIC STRENGTH: NO BREAKDOWN INSULATION RESISTANCE: 100 MEGOHMS MIN

PRODUCT SPECIFICATION
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(.125/(3.18) X .020/(0.51) FLAT BLADE SYSTEM - TPA)

(FOR TIN PLATED BRASS TERMINALS AND UL94V-0 HOUSINGS ONLY)

5.3 ENVIRONMENTAL PERFORMANCE (CONTINUED)

ITEM	TEST CONDITION	REQUIREMENT
TEMPERATURE RISE, AND CURRENT CYCLING	MATE THE CONNECTORS AND MEASURE THE TEMPERATURE RISE AT THE RATED CURRENT AFTER 96 HOURS. THEN 45 MINUTES ON AND 15 MINUTES OFF FOR 500 HOURS.	MAX TEMPERATURE RISE: 30 DEGREES C
SOLDERABILITY	SOLDER TIME 3 +/- 0.5 SECONDS SOLDER TEMPERATURE: 230 +/- 5 DEGREES C (A-43160-**** ONLY)	95% OF THE IMMERSED AREA MUST SHOW NO VOIDS, OR PIN HOLES
SALT SPRAY	48 HOURS EXPOSURE TO A SALT SPRAY FROM A 5% SOLUTION AT 35 DEGREES C.	CONTACT RESISTANCE: 10 MOHMS MAX
INFRARED PROCESSING	245 +/- 3 DEGREES C FOR FOUR MINUTES, THEN ALLOW TO COOL TO ROOM TEMPERATURE. REPEAT THREE TIMES (A-43160-**** ONLY)	APPEARANCE: NO DAMAGE

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(FOR TIN PLATED BRASS TERMINALS AND UL94V-0 HOUSINGS ONLY)

LTR	REVISIONS			
却	"X" RELEASE PER	ECN# U50640	95/01/03	KBP
客	REVISED PER	ECN# U70029	96/07/12	KSM
脚	REVISED PER	ECN# U70918	97/02/06	KBP
虐	REVISED PER	ECN# U71442	97/05/21	KBP

DRWG. NO. PSX-44441-9999

REV.

SHT.

FILE NAME T44441X09.DGN

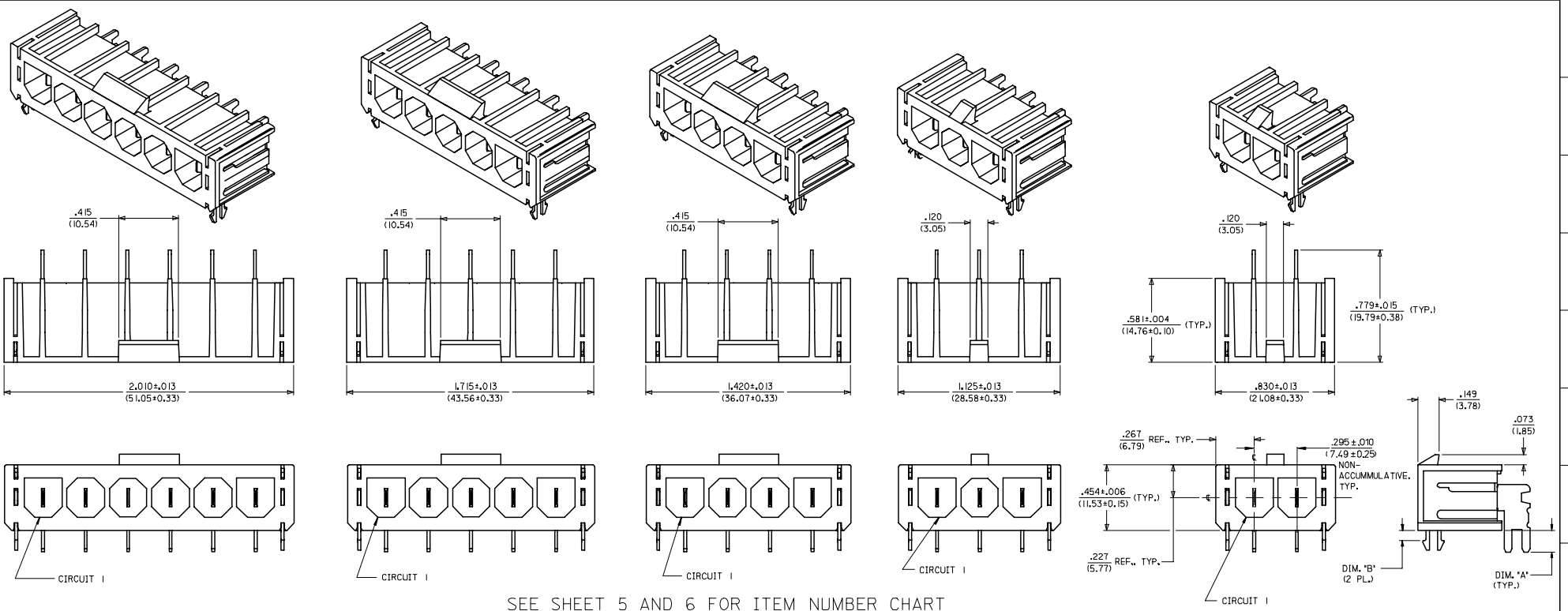
C = 0 ▼ = 0

REVISE ONLY ON CAD SYSTEM

REV. 4

SHT. 9

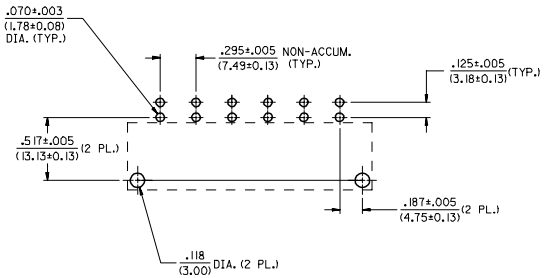
DRWG. NO. PSX-44441-9999



SEE SHEET 5 AND 6 FOR ITEM NUMBER CHART

RECOMMENDED P.C. BOARD LAYOUT FOR RIGHT ANGLE HEADERS

SCALE 2:1



6 CIRCUIT LAYOUT SHOWN

NOTES:

1. INSULATOR MATERIAL (SEE CHART):
   A = 30% GLASS-FILLED 46 NYLON, 94V-0, COLOR: BLACK
   B - UNFILLED 66 NYLON, 94BV-2, COLOR: NATURAL (TRANSLUCENT)
   NOTE: HEADER ASSEMBLIES IN 94V-2, 66 NYLON, ARE ONLY APPROVED FOR WAVE SOLDERING PROCESSES.
   TERMINAL MATERIAL: C26000 BRASS
2. TERMINAL FINISH: 35 MICROINCH (0.88 MICROMETER) MINIMUM TIN OVER 20 MICROINCH (0.50 MICROMETER) MINIMUM COPPER.
   * 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 TIN-LEAD IN THE PC TAILS.
3. PRODUCT SPECIFICATION: PSX-44441-9999.
4. PACKAGING: SEE CHART.
5. THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
6. SEE SHEETS 1, 2 AND 3 FOR VERTICAL HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
7. SEE SHEETS 4, 5 AND 6 FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
8. DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE.

SOLDER TAIL	DIM. "A" ±.011/(0.28)
SHORT	.150/(3.81)
LONG	.210/(5.33)

BOARD LOCK	DIM. "B" ±.004/(0.10)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

SEE SHEET ONE
EC NO: UCP2007-0489 2006/08/29
DRWN: CSTEWART 2006/08/31
CHKD: BW1RKUS 2006/08/31
APPR: BW1RKUS 2006/08/31
DESCRIPTION
REV
H1

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	±.005
2 PLACES	± 0.13	±.01
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 3:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: GC DATE: 11/30/95
CHECKED BY: KBP DATE: 11/30/95
APPROVED BY: RAS DATE: 11/30/95

TITLE: SABRE HEADER ASSY RT. ANGLE, 2-6 & 8 CIR. .125/(3.18)X.020/(0.51)

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43160-****
SHEET NO.: 4 OF 6
SIZE: D

RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
43160-1102	2	A	SHORT	N/A	PK-43160-0010
43160-1202	2	B	SHORT	N/A	PK-43160-0010
43160-1302	2	A	LONG	N/A	PK-43789-001
43160-1402	2	B	LONG	N/A	PK-43789-001
43160-3102	2	A	SHORT	.062	PK-43789-001
43160-3202	2	B	SHORT	.062	PK-43789-001
43160-5102	2	A	SHORT	.094	PK-43789-001
43160-5202	2	B	SHORT	.094	PK-43789-001
43160-5302	2	A	LONG	.094	PK-43789-001
43160-5402	2	B	LONG	.094	PK-43789-001
43160-7302	2	A	LONG	.125	PK-43789-001
43160-7402	2	B	LONG	.125	PK-43789-001
43160-1103	3	A	SHORT	N/A	PK-43160-0010
43160-1203	3	B	SHORT	N/A	PK-43160-0010
43160-1303	3	A	LONG	N/A	PK-43789-001
43160-1403	3	B	LONG	N/A	PK-43789-001
43160-3103	3	A	SHORT	.062	PK-43789-001
43160-3203	3	B	SHORT	.062	PK-43789-001
43160-5103	3	A	SHORT	.094	PK-43789-001
43160-5203	3	B	SHORT	.094	PK-43789-001
43160-5303	3	A	LONG	.094	PK-43789-001
43160-5403	3	B	LONG	.094	PK-43789-001
43160-7303	3	A	LONG	.125	PK-43789-001
43160-7403	3	B	LONG	.125	PK-43789-001

RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
43160-1104	4	A	SHORT	N/A	PK-43160-0010
43160-1204	4	B	SHORT	N/A	PK-43160-0010
43160-1304	4	A	LONG	N/A	PK-43789-001
43160-1404	4	B	LONG	N/A	PK-43789-001
43160-3104	4	A	SHORT	.062	PK-43789-001
43160-3204	4	B	SHORT	.062	PK-43789-001
43160-5104	4	A	SHORT	.094	PK-43789-001
43160-5204	4	B	SHORT	.094	PK-43789-001
43160-5304	4	A	LONG	.094	PK-43789-001
43160-5404	4	B	LONG	.094	PK-43789-001
43160-7304	4	A	LONG	.125	PK-43789-001
43160-7404	4	B	LONG	.125	PK-43789-001
43160-1105	5	A	SHORT	N/A	PK-43160-0010
43160-1205	5	B	SHORT	N/A	PK-43160-0010
43160-1305	5	A	LONG	N/A	PK-43789-001
43160-1405	5	B	LONG	N/A	PK-43789-001
43160-3105	5	A	SHORT	.062	PK-43789-001
43160-3205	5	B	SHORT	.062	PK-43789-001
43160-5105	5	A	SHORT	.094	PK-43789-001
43160-5205	5	B	SHORT	.094	PK-43789-001
43160-5305	5	A	LONG	.094	PK-43789-001
43160-5405	5	B	LONG	.094	PK-43789-001
43160-7305	5	A	LONG	.125	PK-43789-001
43160-7405	5	B	LONG	.125	PK-43789-001

RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
43160-1106	6	A	SHORT	N/A	PK-43160-0010
43160-1206	6	B	SHORT	N/A	PK-43160-0010
43160-1306	6	A	LONG	N/A	PK-43789-001
43160-1406	6	B	LONG	N/A	PK-43789-001
43160-3106	6	A	SHORT	.062	PK-43789-001
43160-3206	6	B	SHORT	.062	PK-43789-001
43160-5106	6	A	SHORT	.094	PK-43789-001
43160-5206	6	B	SHORT	.094	PK-43789-001
43160-5306	6	A	LONG	.094	PK-43789-001
43160-5406	6	B	LONG	.094	PK-43789-001
43160-7306	6	A	LONG	.125	PK-43789-001
43160-7406	6	B	LONG	.125	PK-43789-001

SEE SHEET ONE
ECC NO: UCP2006-2184 2006/03/17
DRWN:CSTEWART 2006/03/28
CHKD:BWIRKUS 2006/03/29
APPR:BWIRKUS
REV DESCRIPTION
H

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	±---
3 PLACES	± ---	±.005
2 PLACES	± 0.13	±.01
1 PLACE	± 0.25	±---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: GC DATE: 11/30/95
CHECKED BY: KBP DATE: 11/30/95
APPROVED BY: RAS DATE: 11/30/95

TITLE: SABRE HEADER ASSY
RT. ANGLE, 2-6 & 8 CIR.
.125/(3.18)X.020/(0.51)

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43160-****
SHEET NO.: 5 OF 6
SIZE: D