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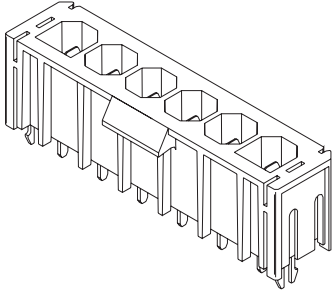
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Jameco Part Number 1970586

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

**43160**

**Vertical, Single Row  
With and without Board Lock**



### Features and Benefits

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

### Reference Information

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

### Electrical

Voltage: 600V  
 Current: 18.0A max.\*  
 Contact Resistance: 10 milliohms max.  
 Dielectric Withstanding Voltage: 5000V  
 Insulation Resistance: 1000 Megohms min.

### Mechanical

Insertion Force to PCB: 22.24N max.  
 Normal Force: 13.34N nominal  
 Durability: 25 cycles

### Physical

Housing: Black glass-filled nylon, UL 94V-0 or natural unfilled nylon, UL 94V-2  
 Contact: Brass  
 Plating: Tin  
 Operating Temperature: -40 to +75°C  
 PCB Thickness: 1.57, 2.36 and 3.18mm (.062, .093 and .125")

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

Without Board Lock				
Circuits	Order No.		PC Tail Length	Lead-free
	94V-0	94V-2		
2	<a href="#">43160-0102</a>	<a href="#">43160-0202</a>	3.81 (.150)	Yes
	<a href="#">43160-0302</a>	<a href="#">43160-0402</a>	5.33 (.210)	
3	<a href="#">43160-0103</a>	<a href="#">43160-0203</a>	3.81 (.150)	
	<a href="#">43160-0303</a>	<a href="#">43160-0403</a>	5.33 (.210)	
4	<a href="#">43160-0104</a>	<a href="#">43160-0204</a>	3.81 (.150)	
	<a href="#">43160-0304</a>	<a href="#">43160-0404</a>	5.33 (.210)	
5	<a href="#">43160-0105</a>	<a href="#">43160-0205</a>	3.81 (.150)	
	<a href="#">43160-0305</a>	<a href="#">43160-0405</a>	5.33 (.210)	
6	<a href="#">43160-0106</a>	<a href="#">43160-0206</a>	3.81 (.150)	
	<a href="#">43160-0306</a>	<a href="#">43160-0406</a>	5.33 (.210)	

With Board Lock				
Circuits	Order No.		PCB Thickness	Lead-free
	94V-0	94V-2		
2	<a href="#">43160-2102</a>	<a href="#">43160-2202</a>	1.57 (.062)	Yes
	<a href="#">43160-4302</a>	<a href="#">43160-4402</a>	2.36 (.093)	
	<a href="#">43160-6302</a>	<a href="#">43160-6402</a>	3.18 (.125)	
3	<a href="#">43160-2103</a>	<a href="#">43160-2203</a>	1.57 (.062)	
	<a href="#">43160-4303</a>	<a href="#">43160-4403</a>	2.36 (.093)	
	<a href="#">43160-6303</a>	<a href="#">43160-6403</a>	3.18 (.125)	
4	<a href="#">43160-2104</a>	<a href="#">43160-2204</a>	1.57 (.062)	
	<a href="#">43160-4304</a>	<a href="#">43160-4404</a>	2.36 (.093)	
	<a href="#">43160-6304</a>	<a href="#">43160-6404</a>	3.18 (.125)	
5	<a href="#">43160-2105</a>	<a href="#">43160-2205</a>	1.57 (.062)	
	<a href="#">43160-4305</a>	<a href="#">43160-4405</a>	2.36 (.093)	
	<a href="#">43160-6305</a>	<a href="#">43160-6405</a>	3.18 (.125)	
6	<a href="#">43160-2106</a>	<a href="#">43160-2206</a>	1.57 (.062)	
	<a href="#">43160-4306</a>	<a href="#">43160-4406</a>	2.36 (.093)	
	<a href="#">43160-6306</a>	<a href="#">43160-6406</a>	1.57 (.125)	

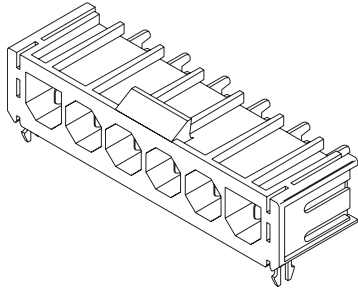
**E**

**Power Connectors**

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

## 43160

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



#### Features and Benefits

- Sizes 2 to 6 circuits
- Wire-to-board
- 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  
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 Mates With: 44441 housing  
 Designed In: Inches

#### Electrical

Voltage: 600V  
 Current: 18.0A max.\*  
 Contact Resistance: 10 milliohms max.  
 Dielectric Withstanding Voltage: 5000V  
 Insulation Resistance: 1000 Megohms min.

#### Mechanical

Insertion Force to PCB: 22.24N max.  
 Normal Force: 13.34N nominal  
 Durability: 25 cycles

#### Physical

Housing: Black glass-filled nylon, UL 94V-0 or natural unfilled nylon UL 94V-2  
 Contact: Brass  
 Plating: Tin  
 Operating Temperature: -40 to +75°C  
 PCB Thickness: 1.57, 2.36 and 3.18mm (.062, .093 and .125")

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

Without Board Lock				
Circuits	Order No.		PC Tail Length	Lead-free
	94V-0	94V-2		
2	<a href="#">43160-1102</a>	<a href="#">43160-1202</a>	3.81 (.150)	Yes
	<a href="#">43160-1302</a>	<a href="#">43160-1402</a>	5.33 (.210)	
3	<a href="#">43160-1103</a>	<a href="#">43160-1203</a>	3.81 (.150)	
	<a href="#">43160-1303</a>	<a href="#">43160-1403</a>	5.33 (.210)	
4	<a href="#">43160-1104</a>	<a href="#">43160-1204</a>	3.81 (.150)	
	<a href="#">43160-1304</a>	<a href="#">43160-1404</a>	5.33 (.210)	
5	<a href="#">43160-1105</a>	<a href="#">43160-1205</a>	3.81 (.150)	
	<a href="#">43160-1305</a>	<a href="#">43160-1405</a>	5.33 (.210)	
6	<a href="#">43160-1106</a>	<a href="#">43160-1206</a>	3.81 (.150)	
	<a href="#">43160-1306</a>	<a href="#">43160-1406</a>	5.33 (.210)	

With Board Lock				
Circuits	Order No.		PCB Thickness	Lead-free
	94V-0	94V-2		
2	<a href="#">43160-3102</a>	<a href="#">43160-3202</a>	1.57 (.062)	Yes
	<a href="#">43160-5302</a>	<a href="#">43160-5402</a>	2.36 (.093)	
	<a href="#">43160-7302</a>	<a href="#">43160-7402</a>	3.18 (.125)	
3	<a href="#">43160-3103</a>	<a href="#">43160-4203</a>	1.57 (.062)	
	<a href="#">43160-5303</a>	<a href="#">43160-5403</a>	2.36 (.093)	
	<a href="#">43160-7303</a>	<a href="#">43160-7403</a>	3.18 (.125)	
4	<a href="#">43160-3104</a>	<a href="#">43160-3204</a>	1.57 (.062)	
	<a href="#">43160-5304</a>	<a href="#">43160-5404</a>	2.36 (.093)	
	<a href="#">43160-7304</a>	<a href="#">43160-7404</a>	3.18 (.125)	
5	<a href="#">43160-3105</a>	<a href="#">43160-3205</a>	1.57 (.062)	
	<a href="#">43160-5305</a>	<a href="#">43160-5405</a>	2.36 (.093)	
	<a href="#">43160-7305</a>	<a href="#">43160-7405</a>	3.18 (.125)	
6	<a href="#">43160-3106</a>	<a href="#">43160-3206</a>	1.57 (.062)	
	<a href="#">43160-5306</a>	<a href="#">43160-5406</a>	2.36 (.093)	
	<a href="#">43160-7306</a>	<a href="#">43160-7406</a>	3.18 (.125)	



# PRODUCT SPECIFICATION

## SABRE .125(3.18) X .020 (0.51) FLAT BLADE SYSTEM WITH TPA

### 1.0 SCOPE

This Product Specification covers the 7.50 mm (.295 inch) centerline connector series with 18 to 14 AWG wire using crimp technology with tin and tin-lead plating.

### 2.0 PRODUCT DESCRIPTION

#### 2.1 PRODUCT NAME AND SERIES NUMBER(S)

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, 2 circuit	44441-2002
Receptacle Housing, 2 circuit	44441-2002
Receptacle Housing, 2 circuit	44441-2002
Receptacle Housing, 2 circuit	44441-2002
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 sales drawings for information on dimensions, materials, platings and markings.

<b>REVISION:</b> <b>5</b>	<b>ECR/ECN INFORMATION:</b> EC No: <b>UCR#2002-0330</b> DATE: <b>09/27/01</b>	<b>TITLE:</b> <b>PRODUCT SPECIFICATION</b> <b>.125 (3.18) X .020 (0.51) FLAT BLADE</b> <b>SYSTEM WITH TPA</b>	<b>SHEET No.</b> <b>1 of 4</b>
<b>DOCUMENT NUMBER:</b> <b>PSX-44441-9999</b>	<b>CREATED / REVISED BY:</b> <b>BWIRKUS 9/27/01</b>	<b>CHECKED BY:</b> <b>BWIRKUS 9/27/01</b>	<b>APPROVED BY:</b> <b>SFRY 10/03/01</b>



# PRODUCT SPECIFICATION

## 2.3 SAFETY AGENCY APPROVALS

UL File #E29179

CSA File #LR19980

## 3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

See the appropriate sales drawings for necessary referenced documents and specifications.

## 4.0 RATINGS

### 4.1 VOLTAGE

600 Volts AC (RMS)

### 4.2 CURRENT AND APPLICABLE WIRES

AWG	Amps	Outside Insulation Diameter
14	18	4.57 mm (.180 inch)
16	TBD	4.57 mm (.180 inch)
18	12	4.57 mm (.180 inch)

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.

### 4.3 TEMPERATURE

Operating: - 40°C to + 75°C

Nonoperating: - 40°C to + 100°C

## 5.0 PERFORMANCE

### 5.1 ELECTRICAL REQUIREMENTS

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	Contact Resistance (Low Level)	Mate connectors: apply a maximum voltage of 20 mV and a current of 100 mA. (Measurement locations in Section 7.0)	30 milliohms MAXIMUM [initial]
2	Insulation Resistance	Unmate & unmount connectors: apply a voltage of 500 VDC between adjacent terminals and between terminals to ground.	1000 Megohms MINIMUM
3	Dielectric Withstanding Voltage	Mate connectors: apply a voltage of 5000 VAC for 1 minute between adjacent terminals and between terminals to ground.	No breakdown; current leakage < 5 mA
4	Temperature Rise (via Current Cycling)	Mate connectors: measure the temperature rise at the rated current after 96 hours, Followed by 500 hours of current cycling (45 minutes ON and 15 minutes OFF perhour).	Temperature rise: +30°C MAXIMUM

REVISION: <b>5</b>	ECR/ECN INFORMATION: EC No: UCR#2002-0330 DATE: 09/27/01	TITLE: <b>PRODUCT SPECIFICATION .125 (3.18) X .020 (0.51) FLAT BLADE SYSTEM WITH TPA</b>	SHEET No. <b>2 of 4</b>
DOCUMENT NUMBER: <b>PSX-44441-9999</b>	CREATED / REVISED BY: <b>BWIRKUS 9/27/01</b>	CHECKED BY: <b>BWIRKUS 9/27/01</b>	APPROVED BY: <b>SFRY 10/03/01</b>



# PRODUCT SPECIFICATION

## 5.2 MECHANICAL REQUIREMENTS

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
5	<b>Connector Mate and Unmate Forces</b>	Mate and unmate connector (male to female) at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch) per minute. (Gage dimensions in Section 7.0)	<b>13.3 N (3 lbf)</b> MAXIMUM insertion force & <b>2.2 N (.5 lbf)</b> MINIMUM withdrawal force
6	<b>Terminal Retention Force from Housing</b> (Receptacle Terminal)	Axial pullout force on the terminal in the housing at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch) per minute.	<b>67 N (15 lbf)</b> MINIMUM retention force w/ TPA not activated; <b>125 N (25 lbf)</b> MINIMUM retention force w/ TPA activated
7	<b>Terminal Retention Force from Housing</b> (Male Tab Terminal)	Axial pullout force on the terminal in the housing at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch) per minute.	<b>133 N (30 lbf)</b> MINIMUM retention force w/ TPA not activated; <b>133 N (30 lbf)</b> MINIMUM retention force w/ TPA activated
8	<b>Durability</b>	Mate connectors up to <b>25</b> cycles at a maximum rate of <b>10</b> cycles per minute prior to Environmental Tests.	<b>3</b> milliohms MAXIMUM (change from initial)
9	<b>Vibration (Random)</b>	Subject mated connectors to vibration with an amplitude of <b>1.52 mm (.060 inch)</b> peak to peak; a sweep of 10-55-10 hertz in 1.0 min.; and a duration of 2.0 hours in the $\pm X, \pm Y, \pm Z$ axes.	<b>5</b> milliohms MAXIMUM (change from initial) & Discontinuity < <b>1</b> microsecond
10	<b>Shock (Mechanical)</b>	Mate connectors and shock at <b>50 g's</b> with $\frac{1}{2}$ sine wave (11 milliseconds) shocks in the $\pm X, \pm Y, \pm Z$ axes ( <b>18</b> shocks total).	<b>5</b> milliohms MAXIMUM (change from initial) & Discontinuity < <b>1</b> microsecond
11	<b>Wire Pullout Force (Axial)</b>	Apply an axial pullout force on the wire at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch).	14 AWG: <b>222 N (50 lbf)</b> 16 AWG: <b>200 N (45 lbf)</b> 18 AWG: <b>133 N (30 lbf)</b> MINIMUM pullout force
12	<b>Wire Pullout Force (Right Angle)</b>	Apply a right angle pullout force on the wire at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch).	<b>*** N (***) lbf)</b> MINIMUM pullout force {Recommended minimum value: 75% of tensile strength of the wire}
13	<b>Terminal Insertion Force (into Housing)</b>	Apply an axial insertion force on the terminal at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch).	<b>4.4 N (1.0 lbf)</b> MAXIMUM insertion force

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DOCUMENT NUMBER: <b>PSX-44441-9999</b>	CREATED / REVISED BY: <b>BWIRKUS 9/27/01</b>	CHECKED BY: <b>BWIRKUS 9/27/01</b>	APPROVED BY: <b>SFRY 10/03/01</b>



# PRODUCT SPECIFICATION

## 5.3 ENVIRONMENTAL REQUIREMENTS

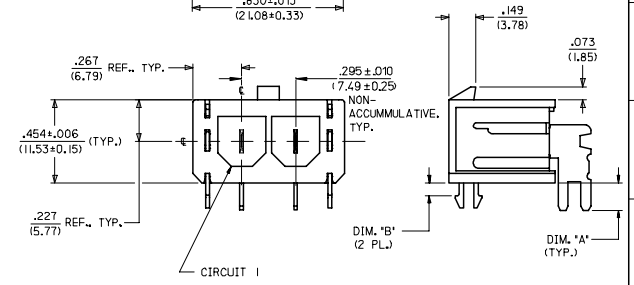
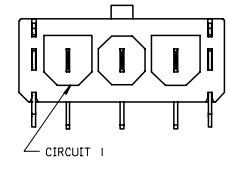
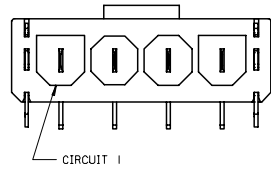
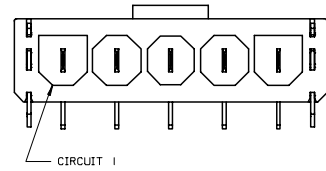
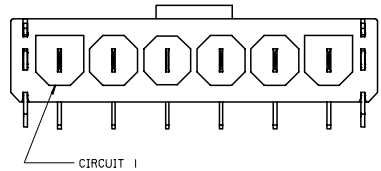
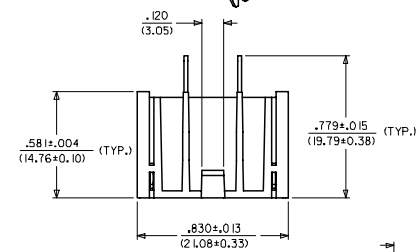
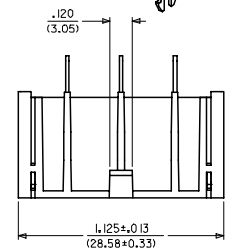
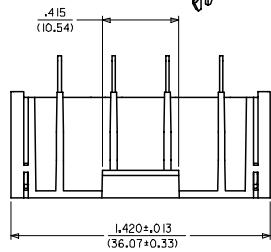
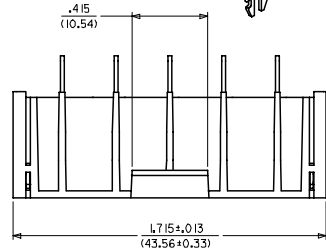
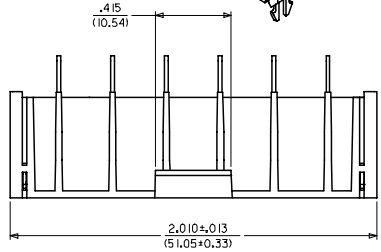
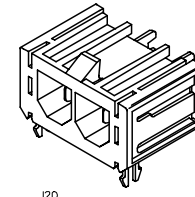
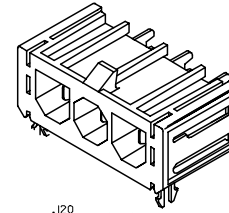
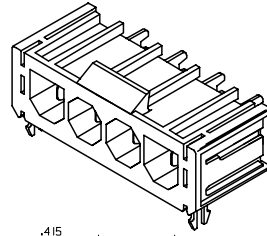
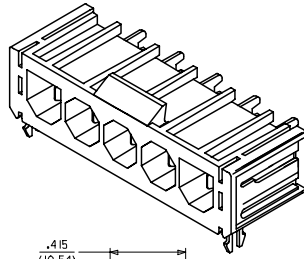
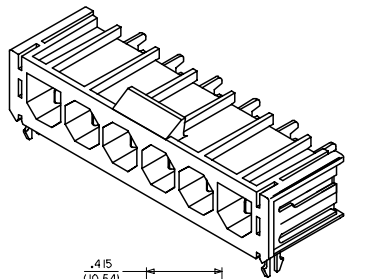
ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT						
14	<b>Shock (Thermal)</b>	Mate connectors; expose to <b>10</b> cycles of: <table border="1"> <tr> <td><u>Temperature °C</u></td> <td><u>Duration (Minutes)</u></td> </tr> <tr> <td>-40 +0/-3</td> <td>30</td> </tr> <tr> <td>+105 +3/-0</td> <td>30</td> </tr> </table>	<u>Temperature °C</u>	<u>Duration (Minutes)</u>	-40 +0/-3	30	+105 +3/-0	30	<b>3</b> milliohms MAXIMUM (change from initial); Visual: No Damage
<u>Temperature °C</u>	<u>Duration (Minutes)</u>								
-40 +0/-3	30								
+105 +3/-0	30								
15	<b>Thermal Aging</b>	Mate connectors; expose to: <b>240</b> hours at <b>105 ± 2°C</b>	<b>5</b> milliohms MAXIMUM (change from initial); Visual: No Damage						
16	<b>Humidity (Steady State)</b>	Mate connectors: expose to a temperature of <b>40 ± 2°C</b> with a relative humidity of <b>90-95%</b> for <b>96</b> hours.	<b>5</b> milliohms MAXIMUM (change from initial) & Dielectric Withstanding Voltage: No Breakdown at <b>500 VAC</b> & Insulation Resistance: <b>1000</b> Megohms MINIMUM & Visual: No Damage						
17	<b>Humidity (Cyclic)</b>	Mate connectors: cycle per EIA-364-31: <b>24</b> cycles at temperature between <b>25 ± 3°C</b> and <b>65 ± 3°C</b> at <b>95 ± 5%</b> relative humidity and <b>25 ± 3°C</b> and <b>-10 ± 3°C</b> with humidity not controlled. Dwell time of <b>1.0</b> hour; ramp time of <b>0.5</b> hours.	<b>5</b> milliohms MAXIMUM (change from initial) & Dielectric Withstanding Voltage: No Breakdown at <b>500 VAC</b> & Insulation Resistance: <b>1000</b> Megohms MINIMUM & Visual: No Damage						
18	<b>Solderability</b>	Solder time <b>3±0.5</b> seconds @ <b>230±5°C</b> (A-43160-**** only)	Solder coverage: <b>95% MINIMUM</b> (per <b>SMES-152</b> )						
19	<b>Salt Spray</b>	Mate connectors: Duration: <b>48</b> hours exposure; Atmosphere: salt spray from a <b>5%</b> solution; Temperature: <b>35 +1/-2°C</b>	<b>10</b> milliohms MAXIMUM (change from initial) & Visual: No Damage						
20	<b>IR Process Soldering</b>	Molex IR Profile	Dimensional: Conformance to Sales Drawing requirements; Visual: No Damage						

## 6.0 PACKAGING

See the appropriate sales drawings for information related to packaging requirements.

REVISION: <b>5</b>	ECR/ECN INFORMATION: EC No: <b>UCR#2002-0330</b> DATE: <b>09/27/01</b>	TITLE: <b>PRODUCT SPECIFICATION .125 (3.18) X .020 (0.51) FLAT BLADE SYSTEM WITH TPA</b>	SHEET No. <b>4 of 4</b>
DOCUMENT NUMBER: <b>PSX-44441-9999</b>	CREATED / REVISED BY: <b>BWIRKUS 9/27/01</b>	CHECKED BY: <b>BWIRKUS 9/27/01</b>	APPROVED BY: <b>SFRY 10/03/01</b>

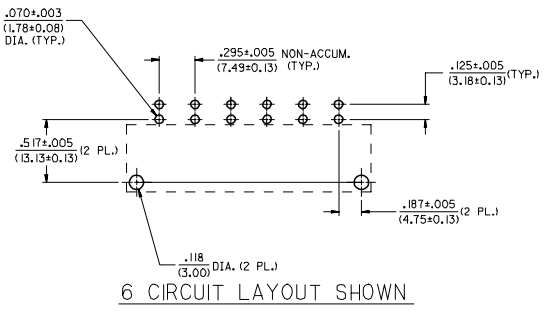
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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:

- 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  
TERMINAL FINISH: 35 MICRONCH (0.88 MICROMETER) MINIMUM TIN OVER 20 MICRONCH (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.
- PRODUCT SPECIFICATION: PSX-44441-9999.
- PACKAGING: SEE CHART.
- THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
- SEE SHEETS 1, 2 AND 3 FOR VERTICAL HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- SEE SHEETS 4, 5 AND 6 FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- 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 E.C. NO. UCP2007-0489 DR: WILSON CK: KCBM/RKUS APPR: BM/RKUS H1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.005 ±.005 3 PLACES ±.010 ±.010 2 PLACES ±.013 ±.013 1 PLACE ±.025 ±.025 ANGULAR ±1/2°		DIMENSION STYLE IN/MM DRAWN BY DATE GC 11/30/95 CHECKED BY DATE KBP 11/30/95 APPROVED BY DATE RAS 11/30/95		SCALE 3:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART SIZE D		SHEET NO. 4 OF 6
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		TITLE SABRE HEADER ASSY RT. ANGLE, 2-6 & 8 CIR. .125/(3.18)X.020/(0.51) MOLEX INCORPORATED				



RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS	RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS	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			CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK			CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
43160-1102	2	A	SHORT	N/A	PK-43160-0010	43160-1104	4	A	SHORT	N/A	PK-43160-0010	43160-1106	6	A	SHORT	N/A	PK-43160-0010
43160-1202	2	B	SHORT	N/A	PK-43160-0010	43160-1204	4	B	SHORT	N/A	PK-43160-0010	43160-1206	6	B	SHORT	N/A	PK-43160-0010
43160-1302	2	A	LONG	N/A	PK-43789-001	43160-1304	4	A	LONG	N/A	PK-43789-001	43160-1306	6	A	LONG	N/A	PK-43789-001
43160-1402	2	B	LONG	N/A	PK-43789-001	43160-1404	4	B	LONG	N/A	PK-43789-001	43160-1406	6	B	LONG	N/A	PK-43789-001
43160-3102	2	A	SHORT	.062	PK-43789-001	43160-3104	4	A	SHORT	.062	PK-43789-001	43160-3106	6	A	SHORT	.062	PK-43789-001
43160-3202	2	B	SHORT	.062	PK-43789-001	43160-3204	4	B	SHORT	.062	PK-43789-001	43160-3206	6	B	SHORT	.062	PK-43789-001
43160-5102	2	A	SHORT	.094	PK-43789-001	43160-5104	4	A	SHORT	.094	PK-43789-001	43160-5106	6	A	SHORT	.094	PK-43789-001
43160-5202	2	B	SHORT	.094	PK-43789-001	43160-5204	4	B	SHORT	.094	PK-43789-001	43160-5206	6	B	SHORT	.094	PK-43789-001
43160-5302	2	A	LONG	.094	PK-43789-001	43160-5304	4	A	LONG	.094	PK-43789-001	43160-5306	6	A	LONG	.094	PK-43789-001
43160-5402	2	B	LONG	.094	PK-43789-001	43160-5404	4	B	LONG	.094	PK-43789-001	43160-5406	6	B	LONG	.094	PK-43789-001
43160-7302	2	A	LONG	.125	PK-43789-001	43160-7304	4	A	LONG	.125	PK-43789-001	43160-7306	6	A	LONG	.125	PK-43789-001
43160-7402	2	B	LONG	.125	PK-43789-001	43160-7404	4	B	LONG	.125	PK-43789-001	43160-7406	6	B	LONG	.125	PK-43789-001
43160-1103	3	A	SHORT	N/A	PK-43160-0010	43160-1105	5	A	SHORT	N/A	PK-43160-0010	43160-1107	7	A	SHORT	N/A	PK-43160-0010
43160-1203	3	B	SHORT	N/A	PK-43160-0010	43160-1205	5	B	SHORT	N/A	PK-43160-0010	43160-1207	7	B	SHORT	N/A	PK-43160-0010
43160-1303	3	A	LONG	N/A	PK-43789-001	43160-1305	5	A	LONG	N/A	PK-43789-001	43160-1307	7	A	LONG	N/A	PK-43789-001
43160-1403	3	B	LONG	N/A	PK-43789-001	43160-1405	5	B	LONG	N/A	PK-43789-001	43160-1407	7	B	LONG	N/A	PK-43789-001
43160-3103	3	A	SHORT	.062	PK-43789-001	43160-3105	5	A	SHORT	.062	PK-43789-001	43160-3107	7	A	SHORT	.062	PK-43789-001
43160-3203	3	B	SHORT	.062	PK-43789-001	43160-3205	5	B	SHORT	.062	PK-43789-001	43160-3207	7	B	SHORT	.062	PK-43789-001
43160-5103	3	A	SHORT	.094	PK-43789-001	43160-5105	5	A	SHORT	.094	PK-43789-001	43160-5107	7	A	SHORT	.094	PK-43789-001
43160-5203	3	B	SHORT	.094	PK-43789-001	43160-5205	5	B	SHORT	.094	PK-43789-001	43160-5207	7	B	SHORT	.094	PK-43789-001
43160-5303	3	A	LONG	.094	PK-43789-001	43160-5305	5	A	LONG	.094	PK-43789-001	43160-5307	7	A	LONG	.094	PK-43789-001
43160-5403	3	B	LONG	.094	PK-43789-001	43160-5405	5	B	LONG	.094	PK-43789-001	43160-5407	7	B	LONG	.094	PK-43789-001
43160-7303	3	A	LONG	.125	PK-43789-001	43160-7305	5	A	LONG	.125	PK-43789-001	43160-7307	7	A	LONG	.125	PK-43789-001
43160-7403	3	B	LONG	.125	PK-43789-001	43160-7405	5	B	LONG	.125	PK-43789-001	43160-7407	7	B	LONG	.125	PK-43789-001

<b>SEE SHEET ONE</b> EC NO: UCP2006-2184 H DRINKSTENART 2004/03/17 CHFKCBM RUS 2004/03/28 APPR: BM RUS 2004/03/29	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																																						
	$\nabla=0$ $\nabla=0$	<table border="1"> <tr><th colspan="2">mm</th><th colspan="2">INCH</th></tr> <tr><td>4 PLACES</td><td>± .005</td><td>± .005</td><td></td></tr> <tr><td>3 PLACES</td><td>± .005</td><td>± .005</td><td></td></tr> <tr><td>2 PLACES</td><td>± 0.13</td><td>± .01</td><td></td></tr> <tr><td>1 PLACE</td><td>± 0.25</td><td>± .05</td><td></td></tr> <tr><td colspan="4">ANGULAR ±1/2°</td></tr> </table>	mm		INCH		4 PLACES	± .005	± .005		3 PLACES	± .005	± .005		2 PLACES	± 0.13	± .01		1 PLACE	± 0.25	± .05		ANGULAR ±1/2°				<table border="1"> <tr><th colspan="2">IN/MM</th></tr> <tr><td>DRAWN BY</td><td>DATE</td></tr> <tr><td>GC</td><td>11/30/95</td></tr> <tr><td>CHECKED BY</td><td>DATE</td></tr> <tr><td>KBP</td><td>11/30/95</td></tr> <tr><td>APPROVED BY</td><td>DATE</td></tr> <tr><td>RAS</td><td>11/30/95</td></tr> </table>	IN/MM		DRAWN BY	DATE	GC	11/30/95	CHECKED BY	DATE	KBP	11/30/95	APPROVED BY	DATE	RAS	11/30/95	1:1	INCH	
	mm		INCH																																									
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