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ELECTRONICS

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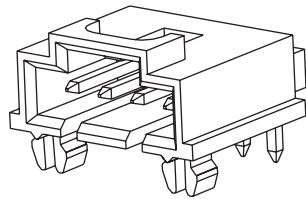
Jameco Part Number 1976460

## 2.54mm (.100") Pitch

SL™

Wire-to-Board  
Shrouded Header

70551

Single Row, .120" Pocket  
Right Angle, Split Peg**Features and Benefits**

- Sizes 2 to 25 circuits
- PCB locks hold header in place until permanently soldered
- Locking crown secures positive latch connector 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: 70066, 70066N, 70400 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**

Insertion force to PCB: 44.48N (10 lbs.)  
 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
	150 $\mu$ m Tin	15 $\mu$ m Gold	30 $\mu$ m Gold	
2	<a href="#">70551-0001</a>	<a href="#">70551-0036</a>	<a href="#">70551-0071</a>	Yes
3	<a href="#">70551-0002</a>	<a href="#">70551-0037</a>	<a href="#">70551-0072</a>	
4	<a href="#">70551-0003</a>	<a href="#">70551-0038</a>	<a href="#">70551-0073</a>	
5	<a href="#">70551-0004</a>	<a href="#">70551-0039</a>	<a href="#">70551-0074</a>	
6	<a href="#">70551-0005</a>	<a href="#">70551-0040</a>	<a href="#">70551-0075</a>	
7	<a href="#">70551-0006</a>	<a href="#">70551-0041</a>	<a href="#">70551-0076</a>	
8	<a href="#">70551-0007</a>	<a href="#">70551-0042</a>	<a href="#">70551-0077</a>	
9	<a href="#">70551-0008</a>	<a href="#">70551-0043</a>	<a href="#">70551-0078</a>	
10	<a href="#">70551-0009</a>	<a href="#">70551-0044</a>	<a href="#">70551-0079</a>	
11	<a href="#">70551-0010</a>	<a href="#">70551-0045</a>	<a href="#">70551-0080</a>	
12	<a href="#">70551-0011</a>	<a href="#">70551-0046</a>	<a href="#">70551-0081</a>	
13	<a href="#">70551-0012</a>	<a href="#">70551-0047</a>	<a href="#">70551-0082</a>	

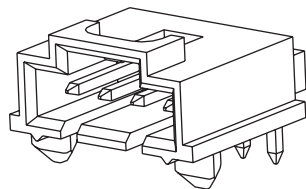
Circuits	Order No.			Lead-free
	150 $\mu$ m Tin	15 $\mu$ m Gold	30 $\mu$ m Gold	
14	<a href="#">70551-0013</a>	<a href="#">70551-0048</a>	<a href="#">70551-0083</a>	Yes
15	<a href="#">70551-0014</a>	<a href="#">70551-0049</a>	<a href="#">70551-0084</a>	
16	<a href="#">70551-0015</a>	<a href="#">70551-0050</a>	<a href="#">70551-0085</a>	
17	<a href="#">70551-0016</a>	<a href="#">70551-0051</a>	<a href="#">70551-0086</a>	
18	<a href="#">70551-0017</a>	<a href="#">70551-0052</a>	<a href="#">70551-0087</a>	
19	<a href="#">70551-0018</a>	<a href="#">70551-0053</a>	<a href="#">70551-0088</a>	
20	<a href="#">70551-0019</a>	<a href="#">70551-0054</a>	<a href="#">70551-0089</a>	
21	<a href="#">70551-0020</a>	<a href="#">70551-0055</a>	<a href="#">70551-0090</a>	
22	<a href="#">70551-0021</a>	<a href="#">70551-0056</a>	<a href="#">70551-0091</a>	
23	<a href="#">70551-0022</a>	<a href="#">70551-0057</a>	<a href="#">70551-0092</a>	
24	<a href="#">70551-0023</a>	<a href="#">70551-0058</a>	<a href="#">70551-0093</a>	
25	<a href="#">70551-0024</a>	<a href="#">70551-0059</a>	<a href="#">70551-0094</a>	

## 2.54mm (.100") Pitch

SL™

Wire-to-Board  
Shrouded Header

70555

Single Row, .120" Pocket  
Right Angle, Low Profile  
Tri-Peg**Features and Benefits**

- Sizes 2 to 25 circuits
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**Electrical**

Voltage: 250V  
 Current: 3.0A  
 Contact Resistance: 15 milliohms max.  
 Dielectric Withstanding Voltage: 1500V  
 Insulation Resistance: 10,000 Megohms min.

**Mechanical**

Insertion Force to PCB: 44.50N (10 lb)  
 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

**Not For Use With C-Grid III™ Components**

Circuits	Order No.			Lead-free
	150 $\mu$ m Tin	15 $\mu$ m Gold	30 $\mu$ m Gold	
2	<a href="#">70555-0001</a>	<a href="#">70555-0036</a>	<a href="#">70555-0071</a>	Yes
3	<a href="#">70555-0002</a>	<a href="#">70555-0037</a>	<a href="#">70555-0072</a>	
4	<a href="#">70555-0003</a>	<a href="#">70555-0038</a>	<a href="#">70555-0073</a>	
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7	<a href="#">70555-0006</a>	<a href="#">70555-0041</a>	<a href="#">70555-0076</a>	
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11	<a href="#">70555-0010</a>	<a href="#">70555-0045</a>	<a href="#">70555-0080</a>	
12	<a href="#">70555-0011</a>	<a href="#">70555-0046</a>	<a href="#">70555-0081</a>	
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Circuits	Order No.			Lead-free
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14	<a href="#">70555-0013</a>	<a href="#">70555-0048</a>	<a href="#">70555-0083</a>	Yes
15	<a href="#">70555-0014</a>	<a href="#">70555-0049</a>	<a href="#">70555-0084</a>	
16	<a href="#">70555-0015</a>	<a href="#">70555-0050</a>	<a href="#">70555-0085</a>	
17	<a href="#">70555-0016</a>	<a href="#">70555-0051</a>	<a href="#">70555-0086</a>	
18	<a href="#">70555-0017</a>	<a href="#">70555-0052</a>	<a href="#">70555-0087</a>	
19	<a href="#">70555-0018</a>	<a href="#">70555-0053</a>	<a href="#">70555-0088</a>	
20	<a href="#">70555-0019</a>	<a href="#">70555-0054</a>	<a href="#">70555-0089</a>	
21	<a href="#">70555-0020</a>	<a href="#">70555-0055</a>	<a href="#">70555-0090</a>	
22	<a href="#">70555-0021</a>	<a href="#">70555-0056</a>	<a href="#">70555-0091</a>	
23	<a href="#">70555-0022</a>	<a href="#">70555-0057</a>	<a href="#">70555-0092</a>	
24	<a href="#">70555-0023</a>	<a href="#">70555-0058</a>	<a href="#">70555-0093</a>	
25	<a href="#">70555-0024</a>	<a href="#">70555-0059</a>	<a href="#">70555-0094</a>	



# PRODUCT SPECIFICATION

## PRODUCT SPECIFICATION FOR SINGLE ROW, HIGH TEMPERATURE “SL” HEADER SYSTEM

### 1.0 SCOPE

This Product Specification covers the .100/(2.54 mm) grid, single row, fully shrouded, “SL” header system.

### 2.0 PRODUCT DESCRIPTION

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

- 70541 Straight Mount Header, with active latch and PC board snaps
- 70543 Straight Mount Header, with active latch
- 70545 Straight Mount Header, with active latch and PC board retention tri-pegs
- 70546 Straight Mount Header, low profile with PC board retention tri-pegs
- 70551 Right Angle Mount Header, with active latch and PC board snaps
- 70553 Right Angle Mount Header, with active latch
- 70555 Right Angle Mount Header, with active latch and PC board retention tri-pegs
- 70556 Right Angle Mount Header, low profile with PC board retention tri-pegs
- 70563 Straight Mount Header, with active latch
- 70564 Straight Mount Header, low profile
- 70566 Straight Mount Header, low profile with PC board retention tri-pegs
- 70571 Right Angle Mount Header, with active latch and PC board snaps
- 70575 Right Angle Mount Header, with active latch and PC board retention tri-peg
- 70634 Right Angle Mount SMT Header, with active latch and PC board retention tri-peg
- 71164 Straight Mount & Right Angle Headers, with voided circuits
- 74098 Right Angle Mount SMT Header, with active latch and PC board snaps
- 74099 Straight Mount SMT Header, with active latch, and some with Pick & Place Cap
- 74105 Right Angle SMT Header, with active latch

#### 2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

##### 2.2.1 Pin Height

2.2.1.1 Maximum pin height: .320/(8.13mm)

2.2.1.2 Minimum pin height: .200/(5.08mm)

2.2.2 Centerline spacing (pitch): .100/(2.54mm)

##### 2.2.3 Termination Method:

2.2.3.1 Thru Hole: Wave Solder

2.2.3.2 SMT: Reflow

REVISION: <b>B</b>	ECR/ECN INFORMATION: EC No: <b>UCP2009-0287</b> DATE: <b>2008 / 08 / 01</b>	TITLE: <b>ASSEMBLY CONNECTOR SL SHROUDED HEADER .100/(2.54) GRID: FAMILY INDEX</b>	SHEET No. <b>1 of 4</b>
DOCUMENT NUMBER: <b>PS-70541</b>	CREATED / REVISED BY: <b>EIK/MIBARRA</b>	CHECKED BY: <b>DMORGAN</b>	APPROVED BY: <b>SMILLER</b>



# PRODUCT SPECIFICATION

**2.2.4** Housings: Black Glass Filled Polyester, UL 94V-0

**2.2.5** Pins: Phosphor Bronze

**2.2.6** Plating: Gold and Tin

**2.2.6.1** Gold: 30 microinches/0.76 micrometers minimum Gold in select area  
75 microinches/1.91 micrometers minimum Tin in select area  
Over Nickel underplate overall

or

Gold: 15 microinches/0.38 micrometers minimum Gold in select area  
75 microinches/1.91 micrometers minimum Tin in select area  
Over Nickel underplate overall

**2.2.6.2** Tin: 150 microinches/3.80 micrometers minimum Tin over Nickel underplate overall

**2.2.7** Recommended PC Board thickness: .062/(1.57mm)

See the appropriate Sales Drawing(s) for additional information on dimensions and markings.

## 2.3 SAFETY AGENCY APPROVALS

**2.3.1** Underwriters Laboratory: UL# E29179

**2.3.2** Canadian Standards Association: CSA# LR19980

## 3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

All documents referenced shall be of the latest revision. The order of precedence shall be as follows.

- Product Drawings
- This Product Specification
- Reference Documents

### 3.1 REFERENCE DOCUMENTS

- EIA-364: Electronic Industries Association, Recommended Standard
- MIL-STD-202: Test methods for electronics and electrical component parts
- IEC 68-2-14 and IEC 68-2-42
- UL-94: Tests for flammability of plastic material

## 4.0 RATINGS

### 4.1 VOLTAGE

250 Volts

### 4.2 TEMPERATURE

3.0 Amps Maximum

### 4.3 TEMPERATURE

Operating Temperature: - 40°C to + 105°C

Processing Temperature: 260°C Maximum for Thru Hole Wave solder only

245°C Maximum for IR reflow SMT and Thru Hole Paste

<b>REVISION:</b> <b>B</b>	<b>ECR/ECN INFORMATION:</b> EC No: <b>UCP2009-0287</b> DATE: <b>2008 / 08 / 01</b>	<b>TITLE:</b> <b>ASSEMBLY CONNECTOR SL SHROUDED HEADER .100/(2.54) GRID: FAMILY INDEX</b>	<b>SHEET No.</b> <b>2 of 4</b>
<b>DOCUMENT NUMBER:</b> <b>PS-70541</b>	<b>CREATED / REVISED BY:</b> <b>EIK/MIBARRA</b>	<b>CHECKED BY:</b> <b>DMORGAN</b>	<b>APPROVED BY:</b> <b>SMILLER</b>



# PRODUCT SPECIFICATION

## 5.0 PERFORMANCE

### 5.1 ELECTRICAL REQUIREMENTS

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	<b>Insulation Resistance</b>	Per MIL-STD-202, Method 302, Condition B. Resistance measured after sequences 5.2.1 thru 5.2.4.	<b>10000</b> Megohms MINIMUM
2	<b>Dielectric Withstanding Voltage</b>	AC Voltage increased until breakdown. Per MIL-STD-202, Method 302, Condition B. Voltage measured after sequences 5.2.1 thru 5.2.4	600V AC RMS MINIMUM for 1 minute at sea level to 5,000 feet.

### 5.2 MECHANICAL REQUIREMENTS

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
3	<b>Terminal Retention Force (in Housing)</b>	Axial pullout force on the terminal in the housing at a rate of $1 \pm \frac{1}{4}$ inch ( $25 \pm 6$ mm) per minute.	<b>17.79 N (4 lbf)</b> MINIMUM retention force
4	<b>Tri-Peg Insertion Force (in PCB)</b>	Recommended Hole size $.134 \pm .002$ inch ( $3.50 \pm 0.05$ mm). Insert connector at a rate of $1 \pm \frac{1}{4}$ inch ( $25 \pm 6$ mm) per minute.	<b>44.48 N (10 lbf)</b> MAXIMUM insertion force
5	<b>Tri-Peg Retention Force (in PCB)</b>	Recommended Hole size $.134 \pm .002$ inch ( $3.50 \pm 0.05$ mm). Pull connector at a rate of $1 \pm \frac{1}{4}$ inch ( $25 \pm 6$ mm) per minute.	<b>4.45 N (1 lbf)</b> MINIMUM retention force
6	<b>Board Snap Insertion Force (in PCB)</b>	Recommended Hole size $.134 \pm .002$ inch ( $3.50 \pm 0.05$ mm). Insert connector at a rate of $1 \pm \frac{1}{4}$ inch ( $25 \pm 6$ mm) per minute.	<b>44.48 N (10 lbf)</b> MAXIMUM insertion force
7	<b>Board Snap Retention Force (in PCB)</b>	Recommended Hole size $.134 \pm .002$ inch ( $3.50 \pm 0.05$ mm). Pull connector at a rate of $1 \pm \frac{1}{4}$ inch ( $25 \pm 6$ mm) per minute.	<b>20 N (4.5 lbf)</b> MINIMUM retention force

REVISION: <b>B</b>	ECR/ECN INFORMATION: EC No: <b>UCP2009-0287</b> DATE: <b>2008 / 08 / 01</b>	TITLE: <b>ASSEMBLY CONNECTOR SL SHROUDED HEADER .100/(2.54) GRID: FAMILY INDEX</b>	SHEET No. <b>3 of 4</b>
DOCUMENT NUMBER: <b>PS-70541</b>	CREATED / REVISED BY: <b>EIK/MIBARRA</b>	CHECKED BY: <b>DMORGAN</b>	APPROVED BY: <b>SMILLER</b>



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## 5.3 ENVIRONMENTAL REQUIREMENT

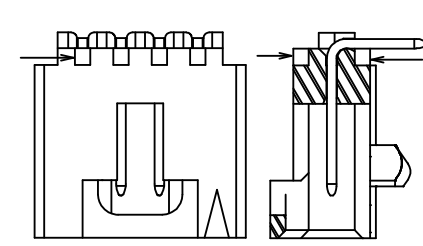
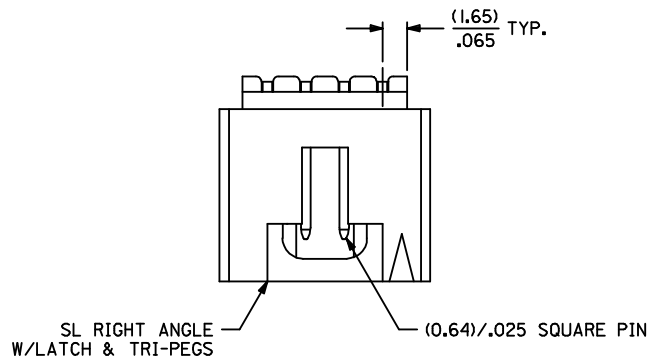
Un-mated Environment

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT						
8	Shock (Thermal)	Expose to 10 cycles of: <table border="1"> <thead> <tr> <th>Temperature °C</th> <th>Duration (Minutes)</th> </tr> </thead> <tbody> <tr> <td>-40 +0/-3</td> <td>30</td> </tr> <tr> <td>+105 +3/-0</td> <td>30</td> </tr> </tbody> </table> Per IEC 68-2-14.	Temperature °C	Duration (Minutes)	-40 +0/-3	30	+105 +3/-0	30	Visual: No Damage
Temperature °C	Duration (Minutes)								
-40 +0/-3	30								
+105 +3/-0	30								
9	Thermal Aging	Expose to: 240 hours at 105 ± 2°C Per MIL-STD-202F Method 108A.	Visual: No Damage						
10	Humidity (Steady State)	Expose to temperature of 40 ± 3°C at 96 ± 5% relative humidity for 240 hours. Per MIL-STD-202F Method 108A Test Condition A.	Visual: No Damage						
11	Flowers of Sulphur	Exposed to sulphur vapors for 24 hours at 65 ± 3°C. Per IEC 68-2-42.	Visual: No Damage						

## 6.0 PACKAGING

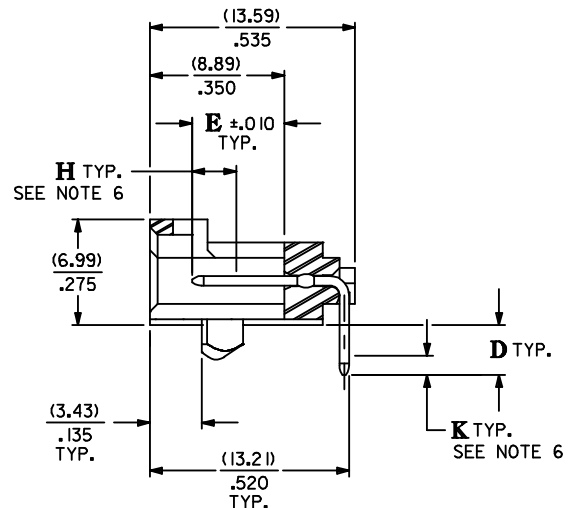
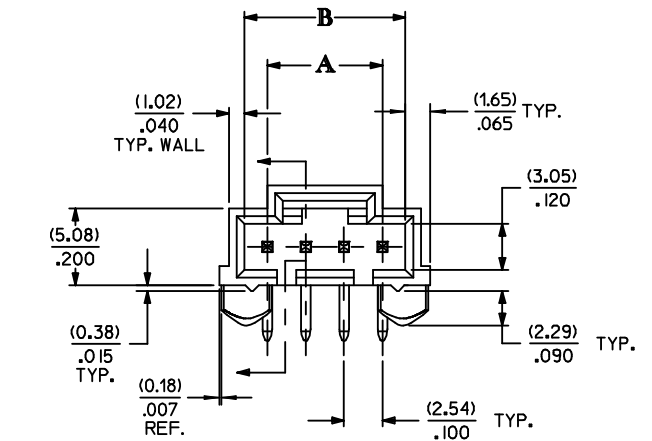
Parts are packaged to protect against damage during handling, transit, and storage. Connector housing assemblies are packaged in plastic tubes in the “pre-loaded” condition.

REVISION: <b>B</b>	ECR/ECN INFORMATION: EC No: UCP2009-0287 DATE: 2008 / 08 / 01	TITLE: <b>ASSEMBLY CONNECTOR SL SHROUDED HEADER .100/(2.54) GRID: FAMILY INDEX</b>	SHEET No. <b>4 of 4</b>
DOCUMENT NUMBER: <b>PS-70541</b>	CREATED / REVISED BY: <b>EIK/MIBARRA</b>	CHECKED BY: <b>DMORGAN</b>	APPROVED BY: <b>SMILLER</b>



**ALTERNATIVE CORING  
MANUFACTURER'S OPTION**

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

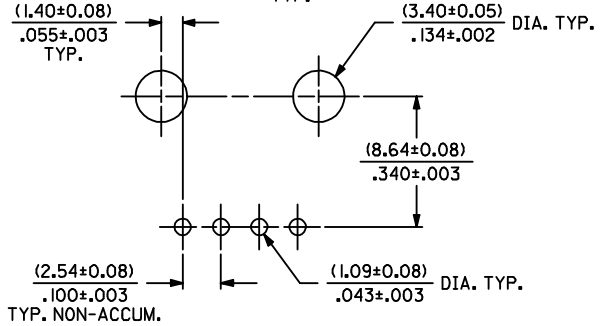


**NOTES:**

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-70873-0015.
5. DIMENSIONS WITHOUT TOLERANCE ARE SHOWN FOR REFERENCE ONLY.
6. MEASURE POINT FOR PLATING THICKNESS.

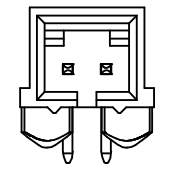
**PLATING:**

- 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.

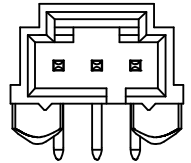


**RECOMMENDED P.C. BOARD LAYOUT**

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



**2 CIRCUIT**








**3 CIRCUIT**

ADD DIMENSIONS EC NO: UCP2009-0475 DRWN:MS BARRA 2008/09/11 CHKD:DJORGAN 2008/09/11 APPR:SMILLER 2008/09/12	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	MM/IN	4:1	INCH		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .005	DRAWN BY	DATE	TITLE		
		2 PLACES ± 0.13 ± .01	1 PLACE ± 0.25 ± ---	AAB	1993/05/13	SL RIGHT ANGLE HEADER W/LATCH & TRI-PEGS (2.54)/.100 CENTERS		
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY	DATE	MATERIAL NO.		
				WAZ	1993/05/13	SEE TABLE		
				DOCUMENT NO.		SHEET NO.		
				SDA-70555-****		1 OF 2		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

J	CIRCUIT SIZE	ENGINEERING NUMBER A-70555	MANUFACTURE RELEASE STATUS	D REF.	E ± .010	PLATE PER ES- 88	CONNECTOR END PLATING		P.C. BOARD END PLATING		VOIDED CIRCUIT NUMBER
							TYPE	H MEAS.	TYPE	K MEAS.	
	2-10	-0001-0009	R.F.M.	(3.30)	(6.10)		TIN	(2.54)	TIN	(1.27)	
	11-25	-0010-0024	R.F.M.	.130	.240			.100		.050	
I	2-10	-0036-0044	R.F.M.	(3.30)	(6.10)		15 GOLD	(2.54)	TIN	(1.27)	
	11-25	-0045-0059	R.F.M.	.130	.240			.100		.050	
H	2-10	-0071-0079	R.F.M.	(3.30)	(6.10)		30 GOLD	(2.54)	TIN	(1.27)	
	11-25	-0080-0094	R.F.M.	.130	.240			.100		.050	
G	2-10	-0106-0114	R.F.M.	(2.67)	(6.10)		15 GOLD	(2.54)	TIN	(1.27)	
	11-25	-0115-0129	R.F.M.	.105	.240			.100		.050	
F	2-10	-5001-5009	R.F.M.	(3.30)	(6.10)		TIN	(2.54)	TIN	(1.27)	2
	11-25	-5010-5024	R.F.M.	.130	.240			.100		.050	

CIRCUIT SIZE	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER
2	70555-0001	70555-0036	70555-0071			70555-5001
3	70555-0002	70555-0037	70555-0072			70555-5002
4	70555-0003	70555-0038	70555-0073	70555-0108		70555-5003
5	70555-0004	70555-0039	70555-0074	70555-0109		70555-5004
6	70555-0005	70555-0040	70555-0075			70555-5005
7	70555-0006	70555-0041	70555-0076			70555-5006
8	70555-0007	70555-0042	70555-0077			70555-5007
9	70555-0008	70555-0043	70555-0078			70555-5008
10	70555-0009	70555-0044	70555-0079			70555-5009
11	70555-0010	70555-0045	70555-0080			70555-5010
12	70555-0011	70555-0046	70555-0081			70555-5011
13	70555-0012	70555-0047	70555-0082			70555-5012
14	70555-0013	70555-0048	70555-0083			70555-5013
15	70555-0014	70555-0049	70555-0084			70555-5014
16	70555-0015	70555-0050	70555-0085			70555-5015
17	70555-0016	70555-0051	70555-0086			70555-5016
18	70555-0017	70555-0052	70555-0087			70555-5017
19	70555-0018	70555-0053	70555-0088			70555-5018
20	70555-0019	70555-0054	70555-0089			70555-5019
21	70555-0020	70555-0055	70555-0090			70555-5020
22	70555-0021	70555-0056	70555-0091			70555-5021
23	70555-0022	70555-0057	70555-0092			70555-5022
24	70555-0023	70555-0058	70555-0093			70555-5023
25	70555-0024	70555-0059	70555-0094			70555-5024

\*X\* IN COLUMN UNDER \*ASSEMBLY ITEM NUMBER \* HEADING DENOTES TOOLING NOT AVAILABLE

<b>UPDATE REV LEVEL</b> EC NO: UCP2009-0475 DRWINGSI BARRA 2008/09/11 CHKD:DMORGAN 2008/09/11 APPR:SMILLER 2008/09/12	QUALITY SYMBOLS  = 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .---</td> <td>± .---</td> </tr> <tr> <td>3 PLACES</td> <td>± .---</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .---</td> </tr> </table>		mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .005	2 PLACES	± 0.13	± .01	1 PLACE	± 0.25	± .---	DIMENSION STYLE <b>MM/IN</b> DRAWN BY DATE AAB 1993/05/13 CHECKED BY DATE AAB 1993/05/13 APPROVED BY DATE WAZ 1993/05/13	SCALE <b>4:1</b> DESIGN UNITS <b>INCH</b>  THIRD ANGLE PROJECTION	TITLE <b>SL RIGHT ANGLE HEADER          W/LATCH &amp; TRI-PEGS          (2.54)/.100 CENTERS</b>	 <b>MOLEX INCORPORATED</b>	MATERIAL NO. <b>SEE TABLE</b> SIZE  THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DOCUMENT NO. <b>SDA-70555-****</b>	SHEET NO. <b>2 OF 2</b>
				mm	INCH																			
4 PLACES	± .---	± .---																						
3 PLACES	± .---	± .005																						
2 PLACES	± 0.13	± .01																						
1 PLACE	± 0.25	± .---																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																								



13		12		11		10		9		8		7		6		70555		4		3		2		1	
J	CIRCUIT SIZE	ENGINEERING NUMBER A-70555	MANUFACTURE RELEASE STATUS					D REF.	E ± .010	CONNECTOR END PLATING			P.C. BOARD END PLATING			VOIDED CIRCUIT NUMBER									
										PLATE PER ES- 88	TYPE	H MEAS.		TYPE	K MEAS.										
	2-10	-0001-0009	R.F.M.					(3.30)	(6.10)	TIN	(2.54)	.100	TIN	(1.27)	.050										
	11-25	-0010-0024	R.F.M.					.130	.240																
I	2-10	-0036-0044	R.F.M.					(3.30)	(6.10)	15 GOLD	(2.54)	.100	TIN	(1.27)	.050										
	11-25	-0045-0059	R.F.M.					.130	.240																
H	2-10	-0071-0079	R.F.M.					(3.30)	(6.10)	30 GOLD	(2.54)	.100	TIN	(1.27)	.050										
	11-25	-0080-0094	R.F.M.					.130	.240																
G	2-10	-0106-0114	R.F.M.					(2.67)	(6.10)	15 GOLD	(2.54)	.100	TIN	(1.27)	.050										
	11-25	-0115-0129	R.F.M.					.105	.240																
F	2-10																								
	11-25																								
F	2-10	-5001-5009	R.F.M.					(3.30)	(6.10)	TIN	(2.54)	.100	TIN	(1.27)	.050	2									
	11-25	-5010-5024	R.F.M.					.130	.240																

CIRCUIT SIZE	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER
2	70555-0001	70555-0036	70555-0071			70555-5001
3	70555-0002	70555-0037	70555-0072			70555-5002
4	70555-0003	70555-0038	70555-0073	70555-0108		70555-5003
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\*X\* IN COLUMN UNDER \*ASSEMBLY ITEM NUMBER \*HEADING DENOTES TOOLING NOT AVAILABLE

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0 ▼ = 0		REVISE ONLY ON CAD SYSTEM	
3 PLACE ± .005		INCH		METRIC	
2 PLACE ± .01		± 0.13			
1 PLACE ± 0.25		± 0.25			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
DRWG. BY: AAB		CHK'D. BY: AAB		FILE NAME: 570555X2	
APP'D. BY: WAZ		SCALE: :		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
L.T.R. REVISIONS		L.T.R. REVISIONS		SEE CHART	

TITLE SALES ASSY, SL RIGHT ANGLE HEADER W/LATCH & TRI-PEGS (2.54)/.100 CENTERS		SHEET NO. 2		DATE 05/13/93	
MOLEX INCORPORATED		U.S.A.			
PART NO. SDA-70555-****		DRWG. NO.			