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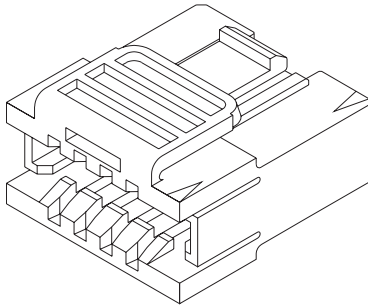
## 2.54mm (.100") Pitch

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	<a href="#">15-04-5061</a>	<a href="#">15-04-5064</a>
8	<a href="#">15-04-5081</a>	<a href="#">15-04-5084</a>
10	<a href="#">15-04-5101</a>	<a href="#">15-04-5104</a>
12	<a href="#">15-04-5121</a>	<a href="#">15-04-5124</a>
14	<a href="#">15-04-5141</a>	<a href="#">15-04-5144</a>
16	<a href="#">15-04-5161</a>	<a href="#">15-04-5164</a>
18	<a href="#">15-04-5181</a>	<a href="#">15-04-5184</a>
20	<a href="#">15-04-5201</a>	<a href="#">15-04-5204</a>

#### 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

Circuits	Order No.	
	Version A Without Ribs	Version B With Ribs
22	<a href="#">15-04-5221</a>	<a href="#">15-04-5224</a>
24	<a href="#">15-04-5241</a>	<a href="#">15-04-5244</a>
26	<a href="#">15-04-5261</a>	<a href="#">15-04-5264</a>
28	<a href="#">15-04-5281</a>	<a href="#">15-04-5284</a>
30	<a href="#">15-04-5301</a>	<a href="#">15-04-5304</a>
32	<a href="#">15-04-5321</a>	<a href="#">15-04-5324</a>
34	<a href="#">15-04-5341</a>	<a href="#">15-04-5344</a>
36	<a href="#">15-04-5361</a>	<a href="#">15-04-5364</a>

Circuits	Order No.	
	Version A Without Ribs	Version B With Ribs
38	<a href="#">15-04-5381</a>	<a href="#">15-04-5384</a>
40	<a href="#">15-04-5401</a>	<a href="#">15-04-5404</a>
42	<a href="#">15-04-5421</a>	<a href="#">15-04-5424</a>
44	<a href="#">15-04-5441</a>	<a href="#">15-04-5444</a>
46	<a href="#">15-04-5461</a>	<a href="#">15-04-5464</a>
48	<a href="#">15-04-5481</a>	<a href="#">15-04-5484</a>
50	<a href="#">15-04-5501</a>	<a href="#">15-04-5504</a>

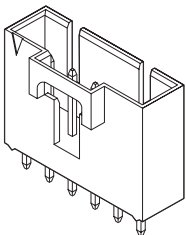
## 2.54mm (.100") Pitch

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
	150µm Tin	15µm Gold	30µm Gold	
2	<a href="#">70543-0036</a>	<a href="#">70543-0001</a>	<a href="#">70543-0106</a>	Yes
3	<a href="#">70543-0037</a>	<a href="#">70543-0002</a>	<a href="#">70543-0107</a>	
4	<a href="#">70543-0038</a>	<a href="#">70543-0003</a>	<a href="#">70543-0108</a>	
5	<a href="#">70543-0039</a>	<a href="#">70543-0004</a>	<a href="#">70543-0109</a>	
6	<a href="#">70543-0040</a>	<a href="#">70543-0005</a>	<a href="#">70543-0110</a>	
7	<a href="#">70543-0041</a>	<a href="#">70543-0006</a>	<a href="#">70543-0111</a>	
8	<a href="#">70543-0042</a>	<a href="#">70543-0007</a>	<a href="#">70543-0112</a>	
9	<a href="#">70543-0043</a>	<a href="#">70543-0008</a>	<a href="#">70543-0113</a>	
10	<a href="#">70543-0044</a>	<a href="#">70543-0009</a>	<a href="#">70543-0114</a>	
11	<a href="#">70543-0045</a>	<a href="#">70543-0010</a>	<a href="#">70543-0115</a>	
12	<a href="#">70543-0046</a>	<a href="#">70543-0011</a>	<a href="#">70543-0116</a>	
13	<a href="#">70543-0047</a>	<a href="#">70543-0012</a>	<a href="#">70543-0117</a>	

#### 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
	150µm Tin	15µm Gold	30µm Gold	
14	<a href="#">70543-0048</a>	<a href="#">70543-0013</a>	<a href="#">70543-0118</a>	Yes
15	<a href="#">70543-0049</a>	<a href="#">70543-0014</a>	<a href="#">70543-0119</a>	
16	<a href="#">70543-0050</a>	<a href="#">70543-0015</a>	<a href="#">70543-0120</a>	
17	<a href="#">70543-0051</a>	<a href="#">70543-0016</a>	<a href="#">70543-0121</a>	
18	<a href="#">70543-0052</a>	<a href="#">70543-0017</a>	<a href="#">70543-0122</a>	
19	<a href="#">70543-0053</a>	<a href="#">70543-0018</a>	<a href="#">70543-0123</a>	
20	<a href="#">70543-0054</a>	<a href="#">70543-0019</a>	<a href="#">70543-0124</a>	
21	<a href="#">70543-0055</a>	<a href="#">70543-0020</a>	<a href="#">70543-0125</a>	
22	<a href="#">70543-0056</a>	<a href="#">70543-0021</a>	<a href="#">70543-0126</a>	
23	<a href="#">70543-0057</a>	<a href="#">70543-0022</a>	<a href="#">70543-0127</a>	
24	<a href="#">70543-0058</a>	<a href="#">70543-0023</a>	<a href="#">70543-0128</a>	
25	<a href="#">70543-0059</a>	<a href="#">70543-0024</a>	<a href="#">70543-0129</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

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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

## 5.3 ENVIRONMENTAL REQUIREMENT

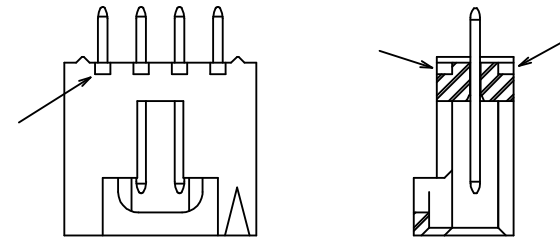
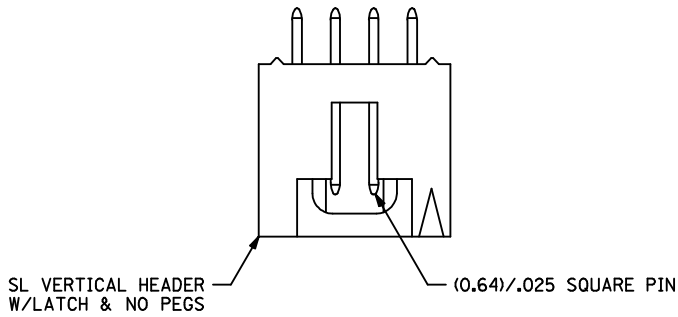
Un-mated Environment

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

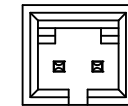
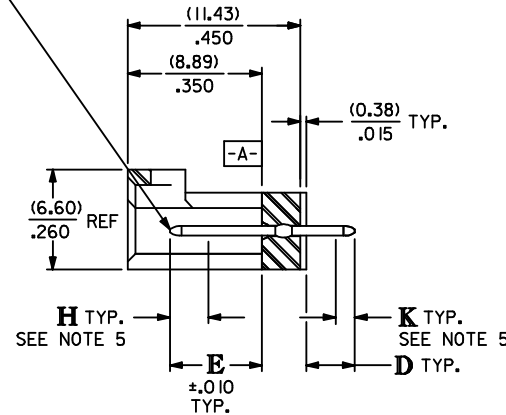
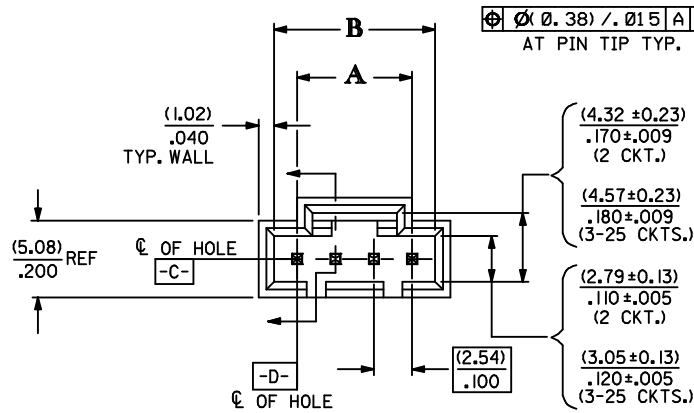
Parts are packaged to protect against damage during handling, transit, and storage. Connector housing assemblies are packaged in plastic tubes in the “pre-loaded” condition.

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>

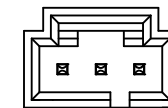


**ALTERNATIVE CORING  
MANUFACTURER'S OPTION**

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



**2 CIRCUIT**



**3 CIRCUIT**

**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 - 3.81 MICROMETERS/150 MICROINCHES MINIMUM BRIGHT TIN PLATE OVER 1.27 MICROMETERS/50 MICROINCHES MINIMUM NICKEL PLATE
- 15 GOLD - 0.38 MICROMETERS/15 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA  
1.91 MICROMETERS/75 MICROINCHES MINIMUM MATTE TIN PLATE IN SELECT AREA OVER 1.27 MICROMETERS/50 MICROINCHES MINIMUM NICKEL PLATE OVERALL
- 30 GOLD - 0.76 MICROMETERS/15 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA  
1.91 MICROMETERS/75 MICROINCHES MINIMUM MATTE TIN PLATE IN SELECT AREA OVER 1.27 MICROMETERS/50 MICROINCHES MINIMUM NICKEL PLATE OVERALL

**RECOMMENDED PC BOARD LAYOUT**

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

ADD PLATING FINISH EC NO: UCP2009-1566 DRW:MS BARRA 2008/12/17 CHKD:J MORGAN 2008/12/17 APPR: MILLER 2008/12/18	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		mm 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	INCH ± --- ± --- ± .005 ± .010 ± ---	DRAWN BY AAB DATE 1987/09/22	CHECKED BY MJM DATE 1987/09/22	APPROVED BY WAZ DATE 1987/09/22	TITLE SALES ASSY, SL VERTICAL HEADER W/LATCH & NO PEGS (2.54)/.100 CENTERS
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-70543-****		SHEET NO. 1 OF 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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	FINISH	K MEAS.
2-25	-0001-0024	R.F.M.	(3.30) .130	(6.10) .240	15 GOLD	(2.54) .100		TIN	MATTE	(1.27) .050
2-25	-0036-0059	R.F.M.	(3.30) .130	(6.10) .240	TIN	(2.54) .100		TIN	BRIGHT	(1.27) .050
2-25	-0071-0094	R.F.M.	(3.81) .150	(6.10) .240	TIN	(2.54) .100		TIN	BRIGHT	(1.27) .050
2-25	-0106-0129	R.F.M.	(3.30) .130	(6.10) .240	30 GOLD	(2.54) .100		TIN	MATTE	(1.27) .050
2-25	-0141-0164	R.F.M.	(2.54) .100	(6.10) .240	15 GOLD	(3.94) .155		TIN	MATTE	(1.27) .050
2-25	-0165-0188	R.F.M.	(3.81) .150	(6.10) .240	30 GOLD	(2.54) .100		TIN	MATTE	(1.27) .050
2-25	-0200-0223	R.F.M.	(3.81) .150	(6.10) .240	15 GOLD	(2.54) .100		TIN	MATTE	(1.27) .050
2-25	-0248-0271	R.F.M.	(4.06) .160	(6.10) .240	TIN	(2.54) .100		TIN	BRIGHT	(1.27) .050
2-25	-0272-0295	R.F.M.	(4.06) .160	(6.10) .240	15 GOLD	(2.54) .100		TIN	MATTE	(1.27) .050
2-25	-0296-0319	R.F.M.	(4.06) .160	(6.10) .240	30 GOLD	(2.54) .100		TIN	MATTE	(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
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

<b>ADD PLATING FINISH</b> EC NO: UCP2009-1566 DRWINMS BARRA 2008/12/17 CHKXD: MORGAN 2008/12/17 APPR: MILLER 2008/12/18 DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES ± ---</td><td>± ---</td></tr> <tr><td>3 PLACES ± ---</td><td>± .005</td></tr> <tr><td>2 PLACES ± 0.13</td><td>± .010</td></tr> <tr><td>1 PLACE ± 0.25</td><td>± ---</td></tr> </table>	mm	INCH	4 PLACES ± ---	± ---	3 PLACES ± ---	± .005	2 PLACES ± 0.13	± .010	1 PLACE ± 0.25	± ---	DIMENSION STYLE <b>MM/IN</b>	SCALE <b>4:1</b>	DESIGN UNITS <b>INCH</b>	THIRD ANGLE PROJECTION
	mm	INCH														
	4 PLACES ± ---	± ---														
	3 PLACES ± ---	± .005														
2 PLACES ± 0.13	± .010															
1 PLACE ± 0.25	± ---															
DRAWN BY <b>AAB</b>	DATE <b>1987/09/22</b>	TITLE <b>SALES ASSY, SL VERTICAL HEADER W/LATCH &amp; NO PEGS (2.54)/.100 CENTERS</b>														
CHECKED BY <b>MJM</b>	DATE <b>1987/09/22</b>	MOLEX MOLEX INCORPORATED														
APPROVED BY <b>WAZ</b>	DATE <b>1987/09/22</b>	MATERIAL NO. <b>SEE TABLE</b>	DOCUMENT NO. <b>SDA-70543-****</b>	SHEET NO. <b>2 OF 2</b>												

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 70543	MANUFACTURE RELEASE STATUS	D REF.	E ± .010	CONNECTOR END PLATING			P.C. BOARD END PLATING		
					TYPE	H MEAS.	K 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
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

L.T.R.	REVISIONS	L.T.R.	REVISIONS	H	SEE SHEET I	G	SEE SHEET I	F	SEE SHEET I	E	SEE SHEET I	C.I	SEE SHEET I	B	SEE SHEET I	A	SEE SHEET I

DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
3 PLAGE ± .005	INCH	2 PLAGE ± .01 ± 0.13	METRIC
1 PLAGE ± 0.25			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
DRWG. BY: AAB	CHK'D. BY: MJM	FILE NAME: 570543X2	DATE: 09/23/87
APP'D. BY: WAZ	SCALE: :	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	

▽ = 0	▼ = 0	REVISE ONLY ON CAD SYSTEM
TITLE: SALES ASSY, SL VERTICAL HEADER W/LATCH & NO PEGS (2.54)/.100 CENTERS		
MOLEX INCORPORATED		SHEET NO. 2
LITSE, ILL. 60532		U.S.A.
PART NO. SEE CHART		DRWG. NO. SDA-70543-****
DA	C	