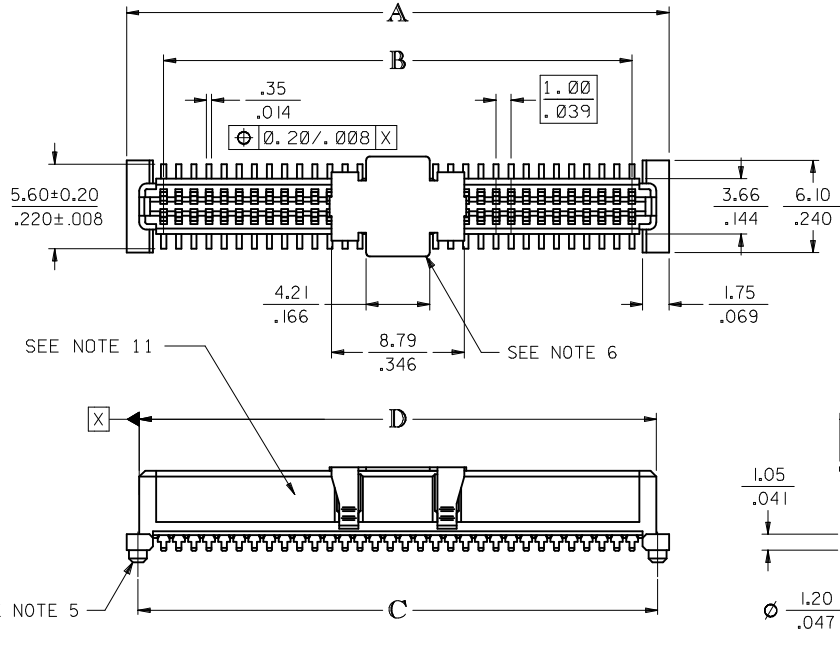
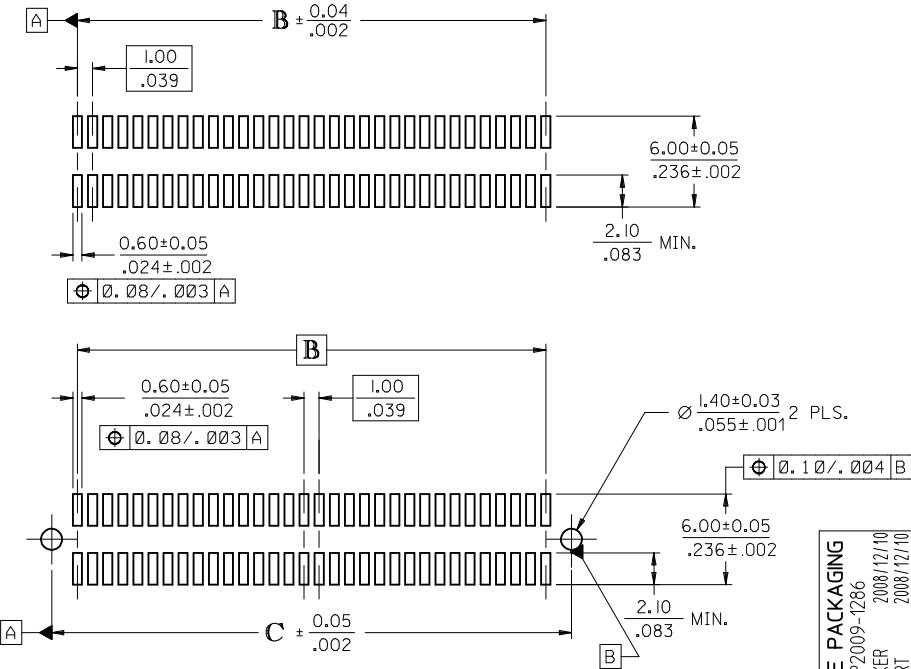




CIRCUIT SIZE	DIM. A	DIM. B	DIM. C	DIM. D
20	<u>13.90</u> .547	<u>9.00</u> .354	<u>12.40</u> .488	<u>12.22</u> .481
30	<u>18.90</u> .744	<u>14.00</u> .551	<u>17.40</u> .685	<u>17.22</u> .678
40	<u>23.90</u> .941	<u>19.00</u> .748	<u>22.40</u> .882	<u>22.22</u> .875
50	<u>28.90</u> 1.138	<u>24.00</u> .945	<u>27.40</u> 1.079	<u>27.22</u> 1.072
60	<u>33.90</u> 1.335	<u>29.00</u> 1.142	<u>32.40</u> 1.276	<u>32.22</u> 1.269
64	<u>35.90</u> 1.413	<u>31.00</u> 1.220	<u>34.40</u> 1.354	<u>34.22</u> 1.347
70	<u>38.90</u> 1.531	<u>34.00</u> 1.339	<u>37.40</u> 1.472	<u>37.22</u> 1.465
80	<u>43.90</u> 1.728	<u>39.00</u> 1.535	<u>42.40</u> 1.669	<u>42.22</u> 1.662
84	<u>45.90</u> 1.807	<u>41.00</u> 1.614	<u>44.40</u> 1.748	<u>44.22</u> 1.741
90	<u>48.90</u> 1.925	<u>44.00</u> 1.732	<u>47.40</u> 1.866	<u>47.22</u> 1.859
100	<u>53.90</u> 2.122	<u>49.00</u> 1.929	<u>52.40</u> 2.063	<u>52.22</u> 2.056
110	<u>58.90</u> 2.319	<u>54.00</u> 2.126	<u>57.40</u> 2.260	<u>57.22</u> 2.253
120	<u>63.90</u> 2.516	<u>59.00</u> 2.323	<u>62.40</u> 2.457	<u>62.22</u> 2.450

- NOTES:**
- HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP); UL 94V-0; SEE SHEET 2 FOR COLOR.
TERMINAL MATERIAL: PHOSPHOR BRONZE; 0.205/.0080 THICK
VACUUM CAP MATERIAL: STAINLESS STEEL; 0.255/.0100 THICK
 - CONTACT PLATING FINISH: REFER TO CHART ON SHEET 2
 - THIS PART, WHEN MATED WITH MOLEX 1.0mm PLUG CONNECTOR SERIES 71439, CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71436-9999. REFER TO CHART ON SHEET 2 FOR MATED STACK HEIGHTS FOR THIS RECEPTACLE.
 - PACKAGING SPECIFICATIONS: REFER TO CHART ON SHEET 2.
 - PEGS ARE OPTIONAL. REFER TO CHART ON SHEET 2.
 - VACUUM PICK & PLACE CAP IS OPTIONAL. REFER TO CHART ON SHEET 2.
 - THIS PART CONFORMS TO EIA STANDARD 700 AAAB FOR 1.0mm TWO-PART CONNECTORS FOR USE WITH PARALLEL PRINTED BOARDS.
 - COPLANARITY OF SMT TAILS: 0.10 MM/.004 INCH MAXIMUM
 - 64-CIRCUIT RECEPTACLE ASSEMBLY WITH PEGS AND VACUUM CAP SHOWN FOR ILLUSTRATION PURPOSES ONLY.
 - INCH DIMENSIONS SHOWN FOR REFERENCE ONLY.
 - ASSEMBLY TO HAVE DATE CODE: XX XX
WEEK _____ YEAR _____



**RECOMMENDED PCB LAYOUT
(WITH AND WITHOUT PEGS)**

RECOMMENDED PCB THICKNESS: 1.00±0.10/.039±.004

CHG TUBE PACKAGING EC NO: UCP2009-1286 DRWN: BARKER 2008/12/10 CHKD: BSWART 2008/12/10 APPR: SMILLER 2008/12/10		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
N	DESCRIPTION			mm	INCH	DRAWN BY	DATE	ASSY MFG, 1.0MM BOARD TO BOARD RECEPT CONNECTOR 5.30/.209 HIGH			
			4 PLACES	± ---	± ---	REED	1995/04/03				
			3 PLACES	± ---	± .005	CHECKED BY	DATE				
			2 PLACES	± 0.13	± .01	REED	1995/04/03	MOLEX MOLEX INCORPORATED			
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE				
			ANGULAR ±1/2°		BIXLER	1995/04/03	SDA-71439-0***				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.						DOCUMENT NO.
					SEE TABLE				1 OF 2		
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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WHITE (NATURAL) MATERIAL

PART NUMBER	CIRCUIT SIZE	CONTACT PLATING SEE NOTE BELOW CHARTS	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
71439-0164	64	30 GOLD	YES	NO	PK-70873-013	TUBE
71439-0264	64	50 GOLD	NO	YES	PK-70873-063	TAPE & REEL
71439-0364	64	30 GOLD	YES	YES	PK-70873-014	TUBE
71439-0464	64	30 GOLD	YES	YES	PK-70873-063	TAPE & REEL
71439-0564	64	30 GOLD	NO	NO	PK-70873-015	TUBE
71439-0764	64	30 GOLD	NO	YES	PK-70873-017	TUBE
71439-0864	64	30 GOLD	NO	YES	PK-70873-063	TAPE & REEL
71439-0664	64	50 GOLD	YES	NO	PK-70873-013	TUBE
71439-0064	64	50 GOLD	NO	NO	PK-70873-015	TUBE

BLACK MATERIAL

PART NUMBER	CIRCUIT SIZE	CONTACT PLATING SEE NOTE BELOW CHARTS	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
71439-0964	64	30 GOLD	NO	YES	PK-70873-063	TAPE & REEL

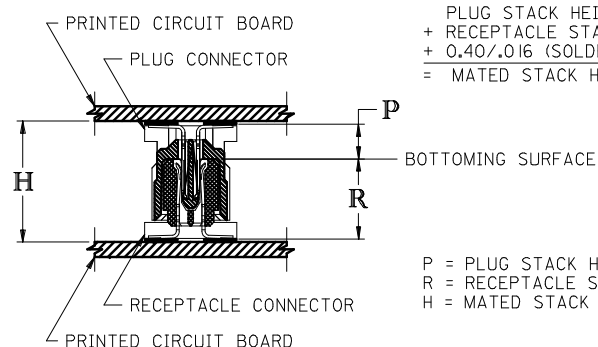
CONTACT PLATING:

30 GOLD - 0.76 MICROMETER/30 MICROINCH MINIMUM GOLD IN CONTACT AREA AND 1.91 MICROMETER/75 MICROINCH MINIMUM TIN IN SOLDER TAIL AREA. NICKEL UNDERPLATE OVER ENTIRE TERMINAL.

50 GOLD - 1.27 MICROMETER/50 MICROINCH MINIMUM GOLD IN CONTACT AREA AND 1.91 MICROMETER/75 MICROINCH MINIMUM TIN IN SOLDER TAIL AREA. NICKEL UNDERPLATE OVER ENTIRE TERMINAL.

RECOMMENDED PLUG/RECEPTACLE COMBINATION FOR
MATED STACK HEIGHT PER EIA STANDARD 700 AAAB

MATED STACK HEIGHT	RECEPTACLE HEIGHT	RECEPTACLE SERIES NO.	PLUG HEIGHT	PLUG SERIES NO.
8.00/,.315	5.30/,.209	71439-0***	2.30/,.090	71436-0***
9.00/,.354	5.30/,.209	71439-0***	3.30/,.130	71436-1***
10.00/,.394	5.30/,.209	71439-0***	4.30/,.169	71436-2***



PLUG STACK HEIGHT
+ RECEPTACLE STACK HEIGHT
+ 0.40/016 (SOLDER PASTE ALLOWANCE)
= MATED STACK HEIGHT

P = PLUG STACK HEIGHT
R = RECEPTACLE STACK HEIGHT
H = MATED STACK HEIGHT

CHG TUBE PACKAGING EC NO: UCP2009-1286 DRWN:BBARKER 2008/12/10 CHKD:BSMART 2008/12/10 APPR:SMILLER 2008/12/10	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
			mm		INCH		DRAWN BY		DATE	
			4 PLACES ± ---		± ---		REED		1995/04/03	
			3 PLACES ± ---		± .005		CHECKED BY		DATE	
2 PLACES ± 0.13		± .01		REED		1995/04/03		TITLE ASSY MFG, 1.0MM BOARD TO BOARD RECEPT CONNECTOR 5.30/.209 HIGH		
1 PLACE ± 0.25		± ---		APPROVED BY		DATE				
ANGULAR ± 1/2°				BIXLER		1995/04/03		MOLEX INCORPORATED		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		DOCUMENT NO.				
SEE TABLE				SIZE		SDA-71439-0***		SHEET NO. 2 OF 2		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

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