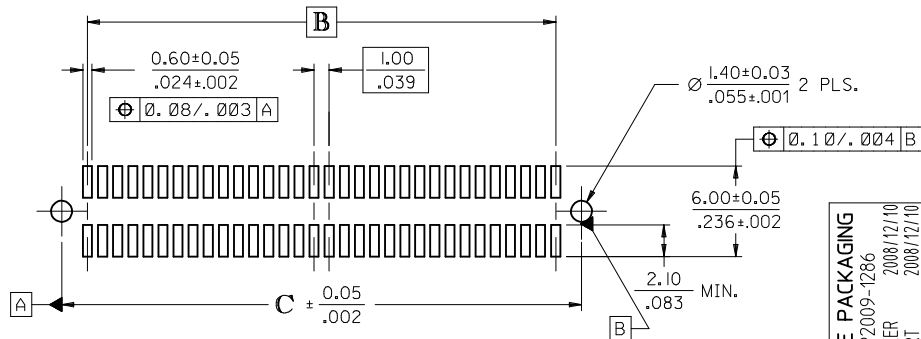


CIRCUIT SIZE	DIM. A	DIM. B	DIM. C	DIM. D
20	<u>13.90</u>	<u>9.00</u>	<u>12.40</u>	<u>12.22</u>
	.547	.354	.488	.481
30	<u>18.90</u>	<u>14.00</u>	<u>17.40</u>	<u>17.22</u>
	.744	.551	.685	.678
40	<u>23.90</u>	<u>19.00</u>	<u>22.40</u>	<u>22.22</u>
	.941	.748	.882	.875
50	<u>28.90</u>	<u>24.00</u>	<u>27.40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



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

- NOTES:**
1. 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
 2. CONTACT PLATING FINISH: REFER TO CHART ON SHEET 2
 3. 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.
 4. PACKAGING SPECIFICATIONS: REFER TO CHART ON SHEET 2.
 5. PEGS ARE OPTIONAL. REFER TO CHART ON SHEET 2.
 6. VACUUM PICK & PLACE CAP IS OPTIONAL. REFER TO CHART ON SHEET 2.
 7. THIS PART CONFORMS TO EIA STANDARD 700 AAAB FOR 1.0mm TWO-PART
CONNECTORS FOR USE WITH PARALLEL PRINTED BOARDS.
 8. COPLANARITY OF SMT TAILS: 0.10 MM/.004 INCH MAXIMUM
 9. 64-CIRCUIT RECEPTACLE ASSEMBLY WITH PEGS AND VACUUM CAP SHOWN
FOR ILLUSTRATION PURPOSES ONLY.
 10. INCH DIMENSIONS SHOWN FOR REFERENCE ONLY.
 11. ASSEMBLY TO HAVE DATE CODE: XX XX

WEEK _____ YEAR _____

CHG TUBE PACKAGING EC NO.: UCP2009-1286 Z DYNABARKER CHKD:BSMART APPR:SMILLER	DESCRIPTION 2008/12/10 2008/12/10 2008/12/10	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
			 ▽=0 ▽=0		mm	INCH	DRAWN BY REED	DATE 1995/04/03	TITLE ASSY MFG. 1.0MM BOARD TO BOARD RECEPT CONNECTOR 5.30/209 HIGH MOLEX INCORPORATED	
				4 PLACES	± ---	± ---	CHECKED BY	DATE		
				3 PLACES	± ---	± .005	REED	1995/04/03		
				2 PLACES	± 0.13	± .01	APPROVED BY	DATE		
				1 PLACE	± 0.25	± ---	BIXLER	1995/04/03		
					ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71439-0***		1 OF 2	
							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

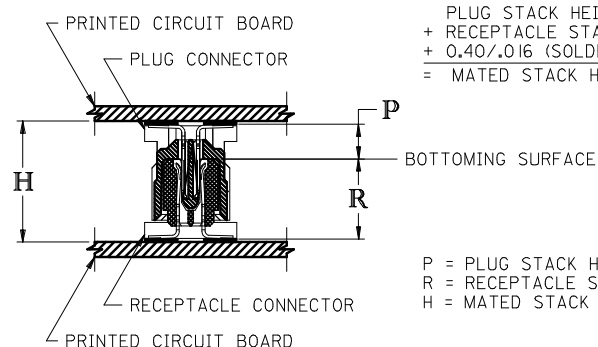
CONTACT PLATING:

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
REV N

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0005
3 PLACES	± .01	± .001
2 PLACES	± .025	± .0025
1 PLACE	± .05	± .005

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY DATE
REED 1995/04/03

CHECKED BY DATE
REED 1995/04/03

APPROVED BY DATE
BIXLER 1995/04/03

MATERIAL NO.
SEE TABLE

SIZE
C

SCALE
INCH

DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

TITLE
ASSY MFG, 1.0MM BOARD TO
BOARD RECEPT CONNECTOR
5.30/.209 HIGH

MOLEX MOLEX INCORPORATED

DOCUMENT NO.
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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