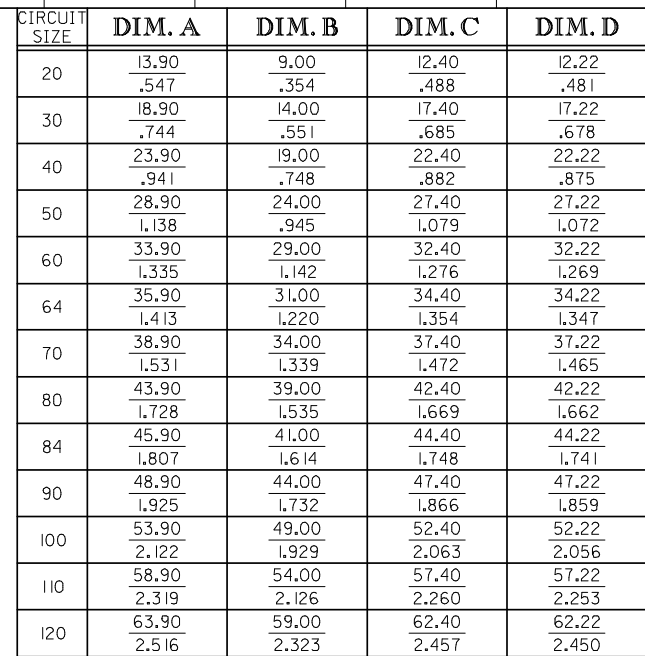




1. HOUSING MATERIAL: GLASS FILLED THERMOPLASTIC; UL 94V-0; SEE SHEET 2 FOR COLOR.
TERMINAL MATERIAL: PHOSPHOR BRONZE; 0.205/-.0080 THICK
VACUUM CAP MATERIAL: STAINLESS STEEL; 0.255/-.0100 THICK
2. CONTACT PLATING FINISH: REFER TO CHART ON SHEET 2
3. THIS PART, WHEN MATED WITH MOLEX 1.0mm PLUG CONNECTOR 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

2	D
1	D
SHT	REV



CORRECT DESIGN UNITS EC NO: UCP2008-2484 DWG NO: 10BARA 2008/04/22 CHKD BY: BARKER 2008/05/06 APPR: SMILLER 2008/05/06	DESCRIPTION REV	QUALITY SYMBOLS  = 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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> <tr> <td colspan="3">ANGULAR ± 1/2°</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± 0.13	± .01	1 PLACE	± 0.25	± ---	ANGULAR ± 1/2°			DIMENSION STYLE MM/IN <table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>RKA</td> <td>2004/08/27</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> </tr> <tr> <td>BB</td> <td>2004/08/27</td> </tr> <tr> <th>APPROVED BY</th> <th>DATE</th> </tr> <tr> <td>SM</td> <td>2004/08/27</td> </tr> </tbody> </table>	DRAWN BY	DATE	RKA	2004/08/27	CHECKED BY	DATE	BB	2004/08/27	APPROVED BY	DATE	SM	2004/08/27	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 	TITLE SALES ASSY. 1.0MM BOARD TO BOARD RECEPT CONNECTOR 5.30/.209 HIGH	SHEET NO. 1 OF 2
			mm	INCH																																			
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				SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																		

WHITE (NATURAL) MATERIAL

PART NUMBER	CIRCUIT SIZE	CONTACT PLATING SEE NOTE BELOW CHARTS	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
71439-0146	64	30 GOLD	YES	NO	PK-70873-0601	TUBE
	64	50 GOLD	NO	YES	PK-70873-063	TAPE & REEL
	64	30 GOLD	YES	YES	PK-70873-0607	TUBE
71439-9464	64	30 GOLD	YES	YES	PK-70873-063	TAPE & REEL
	64	30 GOLD	NO	NO	PK-70873-0683	TUBE
	64	30 GOLD	NO	YES	PK-70873-0606	TUBE
71439-9864	64	30 GOLD	NO	YES	PK-70873-063	TAPE & REEL
71439-0846	64	30 GOLD	NO	YES	PK-70873-063	TAPE & REEL

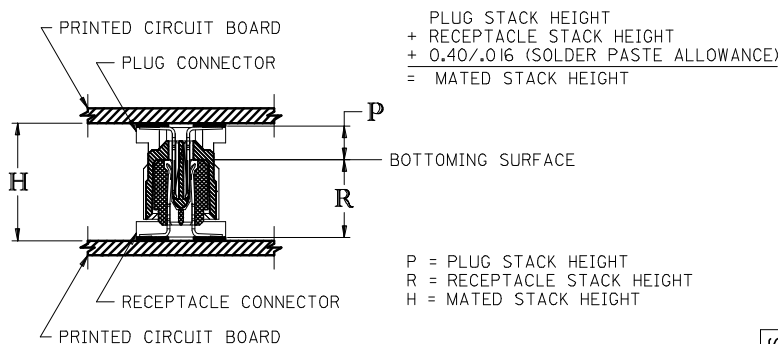
BLACK MATERIAL WITH MATTE PICK & PLACE CAP

PART NUMBER	CIRCUIT SIZE	CONTACT PLATING SEE NOTE BELOW CHARTS	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
	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 AAB

MATED STACK HEIGHT	RECEPTACLE HEIGHT	RECEPTACLE SERIES NO.	PLUG HEIGHT	PLUG SERIES NO.
8.00/.315	5.30/.209	71439-0*** & 71439-9***	2.30/.090	71436-0***
9.00/.354	5.30/.209	71439-0*** & 71439-9***	3.30/.130	71436-1***
10.00/.394	5.30/.209	71439-0*** & 71439-9***	4.30/.169	71436-2***

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		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-71439-001		SHEET NO. 2 OF 2																	
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