

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

**NOTES:**

- 64-CIRCUIT RECEPTACLE ASSEMBLY WITH PEGS AND VACUUM CAP SHOWN FOR ILLUSTRATION PURPOSES ONLY.
- HOUSING MATERIAL: G.F. THERMOPLASTIC; UL RATING: 94V-0; COLOR: WHITE  
TERMINAL MATERIAL: PHOSPHOR BRONZE; 0.205/.0080 THICK  
VACUUM CAP MATERIAL: STAINLESS STEEL; 0.255/.0100 THICK
- COPLANARITY OF SMT TAILS: 0.10/.004 MAX.
- 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 AA4B FOR 1.0mm TWO-PART CONNECTORS FOR USE WITH PARALLEL PRINTED BOARDS.
- THIS PART, WHEN MATED WITH MOLEX 1.0mm PLUG CONNECTOR SERIES 71436, CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71436-9999. REFER TO CHART ON SHEET 2 FOR MATED STACK HEIGHTS FOR THIS RECEPTACLE.
- DIMENSIONS ARE IN mm/IN. INCH DIMENSIONS SHOWN FOR REFERENCE ONLY.

**PLATING PER ES-88:**

30 GOLD - 0.00076/.000030 MINIMUM GOLD PLATING IN CONTACT AREA,  
0.0019/.000075 MINIMUM TIN PLATING IN TERMINAL AREA,  
OVER 0.00127/.000050 MINIMUM NICKEL PLATING OVERALL

2	K
1	K
SHT	REV

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

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

CORRECT DESIGN UNITS EC NO: UCP2008-2484 2008/04/22 DRAWN BY: BARBARA CHKD BY: BARKER 2008/05/06 APPR: SMILLER 2008/05/06	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
				MM/IN		4:1		METRIC		<input type="checkbox"/> THIRD ANGLE PROJECTION <input type="checkbox"/> SHT REV	
		4 PLACES ± --- ± ---		DRAWN BY REED		DATE 1995/03/23		TITLE		ASSY, 1MM BOARD-TO-BOARD RECEPTACLE CONECTOR 8.30/.327 HIGH	
		3 PLACES ± --- ± .005		CHECKED BY REED		DATE 1995/03/23		APPROVED BY BIXLER		DATE 1995/03/23	
2 PLACES ± 0.13 ± .01		1 PLACE ± 0.25 ± ---		ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SHEET NO. 1 OF 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

13 12 11 10 9 8 7 6 5 4 3 2 1

**STANDARD**

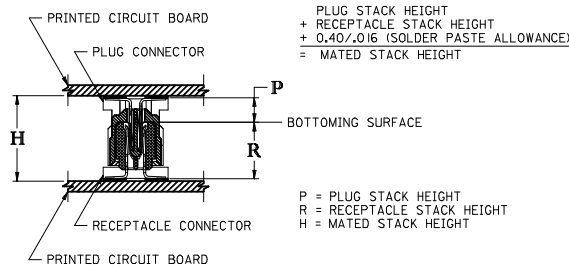
CIRCUIT SIZE	RECEPTACLE ASSY. ITEM NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71439-2164	YES	NO	PK-70873-0601	TUBE
64	71439-2864	NO	YES	PK-70873-063	TAPE & REEL
64	71439-2564	NO	NO	PK-70873-0683	TUBE

**SPECIAL**

CIRCUIT SIZE	RECEPTACLE ASSY. ITEM NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71439-2464	YES	YES	PK-70873-063	TAPE & REEL

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.
13.00/.512	8.30/.327	71439-2***	4.30/.169	71436-2***



<b>CORRECT DESIGN UNITS</b> EC NO: UCP2008-2464 DRAWN BY: BARBARA CHKD BY: BARKER APPR: SMILLER 2008/05/06 2008/05/06	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM/IN	<b>SCALE</b> ---	<b>DESIGN UNITS</b> METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	DRAWN BY: REED DATE: 1995/03/23	CHECKED BY: REED DATE: 1995/03/23	APPROVED BY: BIXLER DATE: 1995/03/23	TITLE: ASSY, 1MM BOARD-TO-BOARD RECEPTACLE CONNECTOR 8.30/.327 HIGH	MOLEX INCORPORATED	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	DOCUMENT NO. SDA-71439-2***	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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Rev. D 2004/04/02

12 11 10 9 8 7 6 5 4 3 2 1