

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

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) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM/IN DRAWN BY: REED DATE: 1995/03/23 CHECKED BY: REED DATE: 1995/03/23 APPROVED BY: BIXLER DATE: 1995/03/23	SCALE: 4:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE ASSY, 1MM BOARD-TO-BOARD RECEPTACLE CONECTOR 8.30/.327 HIGH
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE DOCUMENT NO. SDA-71439-2*** SHEET NO. 1 OF 2		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		MOLEX INCORPORATED			

RECOMMENDED PCB LAYOUT (WITH AND WITHOUT PEGS)

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

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

STANDARD

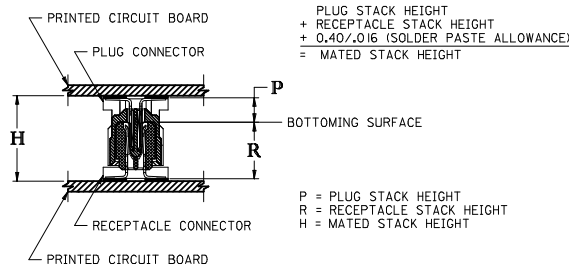
CIRCUIT SIZE	RECEPTACLE ASSY. ITEM NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71439-2164	YES	NO	PK-70873-0601	TUBE
64	71439-2864	NO	YES	PK-70873-063	TAPE & REEL
64	71439-2564	NO	NO	PK-70873-0683	TUBE

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***



CORRECT DESIGN UNITS EC NO: UCP2008-2464 DRAWN BY: BARBARA CHKD BY: BARKER APPR: SMILLER 2008/05/06 2008/05/06	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE ---	DESIGN UNITS 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
		ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE	DOCUMENT NO. SDA-71439-2***	SHEET NO. 2 OF 2	
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Rev. D 2004/04/02

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