

NOTES:

- HOUSING MATERIAL: G.F. THERMOPLASTIC; UL RATING: 94V-0; COLOR: WHITE
NOTE: HOUSING COLOR FOR -1664 (ONLY) IS BLACK.
TERMINAL MATERIAL: PHOSPHOR BRONZE; 0.205/.0080 THICK
VACUUM CAP MATERIAL: STAINLESS STEEL; 0.255/.0100 THICK
- PLATING FINISHES SEE SHEET 2.
- THIS PART, WHEN MATED WITH MOLEX 1.0mm RECEPTACLE CONNECTOR SERIES T1439, CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71436-9999.
REFER TO CHART ON SHEET 2 FOR MATED STACK HEIGHTS FOR THIS PLUG.
- 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/.004 MAX.
- 64-CIRCUIT PLUG ASSEMBLY WITH PEGS AND VACUUM CAP SHOWN FOR ILLUSTRATION PURPOSES ONLY.
- DIMENSIONS ARE IN mm/IN. INCH DIMENSIONS SHOWN FOR REFERENCE ONLY.
- DATE CODE STAMP IS WEEK, YEAR LOCATED APPROXIMATELY WHERE SHOWN.

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

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

CORRECT DESIGN UNITS	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO: UCP2008-2464 DRAWN: BARBARA 2008/04/07 CHKD: BARBARA 2008/04/16 APPR: SHILLER 2008/04/16	▽=0 ▽=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	MM/IN	4:1	METRIC	THIRD ANGLE PROJECTION

DRAWN BY	DATE	TITLE
REED	1995/03/23	SALES ASSY, 1.0MM BOARD TO BOARD PLUG CONNECTOR 3.30/130 STACK HEIGHT
CHECKED BY	DATE	
REED	1995/03/23	
APPROVED BY	DATE	
BIXLER	1995/03/23	
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE TABLE	SDA-71436-1***	1 OF 2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS
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	PLUG ASSEMBLY ITEM NUMBER	PEGS	CONTACT PLATING SEE PLATING NOTES	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71436-1164	YES	30 GOLD	NO	PK-70873-0607	TUBE
64	71436-1364	YES	30 GOLD	YES	PK-70873-0607	TUBE
64	71436-1464	YES	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-1564	NO	30 GOLD	NO	PK-70873-0606	TUBE
64	71436-1664	NO	30 GOLD	YES MATTE FINISH	PK-70873-063	TAPE & REEL
64	71436-1764	NO	30 GOLD	YES	PK-70873-0606	TUBE
64	71436-1864	NO	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-1264	YES	50 GOLD	NO	PK-70873-0607	TUBE
64	71436-1064	NO	50 GOLD	NO	PK-70873-0607	TUBE

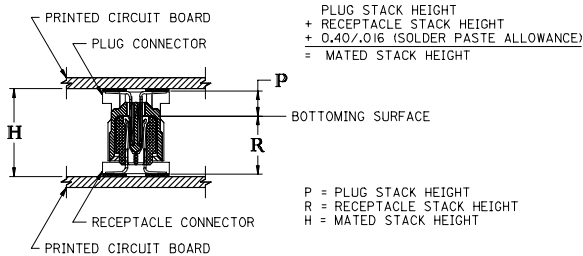
RECOMMENDED PLUG/RECEPTACLE COMBINATION FOR MATED STACK HEIGHT PER EIA STANDARD 700 AAAB

MATED STACK HEIGHT	RECEPTACLE HEIGHT	RECEPTACLE SERIES NO.	PLUG HEIGHT	PLUG SERIES NO.
9.00/.354	5.30/.209	71439-0***	3.30/.130	71436-1***
11.00/.433	7.30/.287	71439-1***	3.30/.130	71436-1***
14.00/.551	10.30/.406	71439-3***	3.30/.130	71436-1***

PLATING NOTES:

30 GOLD: 0.76 MICROMETERS/(30 MICRONS) MINIMUM SELECTIVE GOLD (Au) IN THE CONTACT AREA
1.88 MICROMETERS/(75 MICRONS) MINIMUM SELECTIVE TIN (Sn) IN THE PC TAIL AREA
NICKEL UNDERPLATE OVERALL

50 GOLD: 1.27 MICROMETERS/(50 MICRONS) MINIMUM SELECTIVE GOLD (Au) IN THE CONTACT AREA
1.88 MICROMETERS/(75 MICRONS) MINIMUM SELECTIVE TIN (Sn) IN THE PC TAIL AREA
NICKEL UNDERPLATE OVERALL



ADD 71436-1064/-1264 EC NO. UCP2007-2420 DRAWN BY BARBARA 2007/05/08 CHECKED BY CHUCK KIRKMAN 2007/05/17 APPROVED BY SHILLER 2007/05/18 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- ANGULAR ±1/2°	MM/IN	---	INCH	<input checked="" type="checkbox"/> THIRD ANGLE PROJECTION <input type="checkbox"/> FIRST ANGLE PROJECTION	
		DRAWN BY REED DATE 1995/03/23	CHECKED BY DATE 1995/03/23	TITLE	SALES ASSY, 1.0MM BOARD TO BOARD PLUG CONNECTOR 3.30/.130 STACK HEIGHT		
		APPROVED BY BIXLER DATE 1995/03/23	MATERIAL NO.	DOCUMENT NO.	MOLEX INCORPORATED		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C	SEE TABLE	SDA-71436-1***			SHEET NO. 2 OF 2
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12 11 10 9 8 7 6 5 4 3 2 1