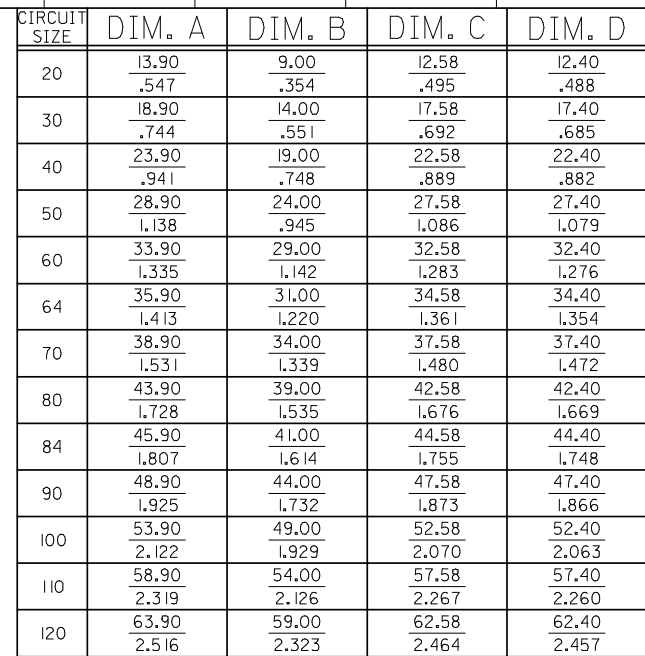




1. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER (LCP) GLASS FILLED.;
UL RATING: 94V-0; COLOR: WHITE OR BLACK
TERMINAL MATERIAL: PHOSPHOR BRONZE; 0.205/-.0080 THICK
VACUUM CAP MATERIAL: STAINLESS STEEL; 0.255/-.0100 THICK
2. PLATING FINISHES: SEE SHEET 2
3. PRODUCT SPECIFICATION: PS-71436-999
4. PACKAGING SPECIFICATIONS: REFER TO CHART ON SHEET 2.
5. MATES WITH: 71439 SERIES. SEE SHEET 2 FOR MATING VIEW
AND STACK HEIGHT.
6. PEGS ARE OPTIONAL. REFER TO CHART ON SHEET 2.
7. VACUUM PICK & PLACE CAP IS OPTIONAL. REFER TO CHART ON
SHEET 2.
8. THIS PART CONFORMS TO EIA STANDARD 700 AAAB FOR 1.0mm TWO-PART
CONNECTORS FOR USE WITH PARALLEL PRINTED BOARDS.
9. COPLANARITY OF SMT TAILS: 0.10/-.004 MAX.
10. 64-CIRCUIT PLUG ASSEMBLY WITH PEGS AND VACUUM CAP SHOWN
FOR ILLUSTRATION PURPOSES ONLY.
11. DIMENSIONS ARE IN mm/in. INCH DIMENSIONS SHOWN FOR REFERENCE ONLY.
12. ASSEMBLY TO HAVE DATE CODE: XX XX

2	L
1	M
SHT	REV



REV	DESCRIPTION	QUALITY SYMBOLS
	CORRECT DESIGN UNITS EC NO: UCP2008-2464 DRWN:WSIBARA 2008/04/07 CHK'D:RBARKER 2008/04/16 APPR:SMILLER 2008/04/16	=0 =0

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	mm	INCH	DRAWN BY	DATE	TITLE	
4 PLACES	± .---	± .---	REED	1995/03/23	SALES ASSY, 1.0MM BOARD TO BOARD PLUG CONNECTOR	
3 PLACES	± .---	± .005	CHECKED BY	DATE	4.30/169 STACK HEIGHT	
2 PLACES	± 0.13	± .01	REED	1995/01/23		
1 PLACE	± 0.25	± .---	APPROVED BY	DATE	MOLEX INCORPORATED	
ANGULAR ± 1/2°		BIXLER		1995/03/23		
		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71436-2***		1 OF 2
SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

WHITE (NATURAL) MATERIAL

CIRCUIT SIZE	PLUG ASSEMBLY ITEM NUMBER	PEGS	CONTACT PLATING (SEE PLATING NOTES)	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71436-2164	YES	30 GOLD	NO	PK-70873-0607	TUBE
64	71436-2364	YES	30 GOLD	YES	PK-70873-0607	TUBE
64	71436-2464	YES	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-2564	NO	30 GOLD	NO	PK-70873-0606	TUBE
64	71436-2764	NO	30 GOLD	YES	PK-70873-0606	TUBE
64	71436-2864	NO	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-2264	NO	50 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-2664	YES	50 GOLD	NO	PK-70873-0607	TUBE
64	71436-2064	NO	50 GOLD	NO	PK-70873-0607	TUBE

PLATING NOTES:

30 GOLD: SELECTIVE GOLD (Au) IN THE CONTACT AREA;
THICKNESS = 0.76 MICROMETERS (30 MICROINCHES) MINIMUM;
SELECTIVE TIN (Sn) IN THE PC TAIL AREA;
THICKNESS = 1.88 MICROMETERS (75 MICROINCHES) MINIMUM;
NICKEL UNDERPLATE OVERALL.

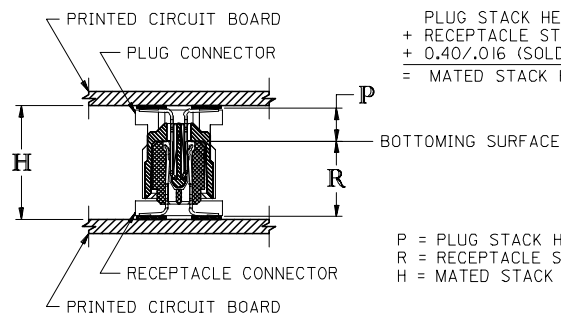
50 GOLD: SELECTIVE GOLD (Au) IN THE CONTACT AREA;
THICKNESS = 1.27 MICROMETERS (50 MICROINCHES) MINIMUM;
SELECTIVE TIN (Sn) IN THE PC TAIL AREA;
THICKNESS = 1.88 MICROMETERS (75 MICROINCHES) MINIMUM;
NICKEL UNDERPLATE OVERALL.

BLACK MATERIAL WITH PICK & PLACE CAP

CIRCUIT SIZE	PLUG ASSEMBLY ITEM NUMBER	PEGS	CONTACT PLATING (SEE NOTES PAGE2)	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71436-2964	NO	30 GOLD	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.
10.00/.394	5.30/.209	71439-0***	4.30/.169	71436-2***
12.00/.472	7.30/.287	71439-1***	4.30/.169	71436-2***
13.00/.512	8.30/.327	71439-2***	4.30/.169	71436-2***
15.00/.591	10.30/.406	71439-3***	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

ADD 71436-2064/-2664 EC NO: UCP2007-2420 DRWNS: BARRA 2007/05/08 CHKD: JORGAN 2007/05/17 APPR: MILLER 2007/05/18	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM/IN		---	INCH		
			mm	INCH	DRAWN BY	DATE	SALES ASSY, 1.0MM BOARD TO BOARD PLUG CONNECTOR 4.30/.169 STACK HEIGHT			
			4 PLACES ± ---	± ---	REED	1995/03/23				
			3 PLACES ± ---	± ---	CHECKED BY	DATE				
			2 PLACES ± ---	± ---	REED	1995/03/23	MOLEX MOLEX INCORPORATED			
			1 PLACE ± ---	± ---	APPROVED BY	DATE				
			ANGULAR ±1/2°		BIXLER	1995/03/23				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
					SEE TABLE		SDA-71436-2***		2 OF 2	
		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						