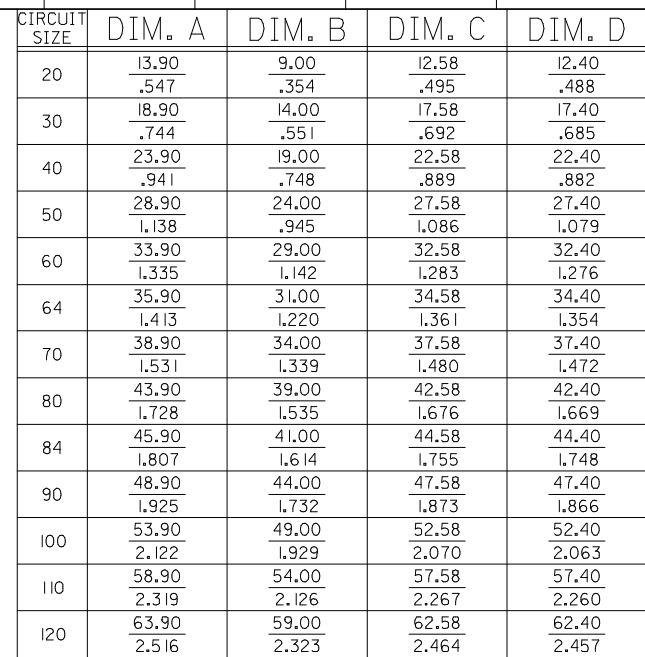
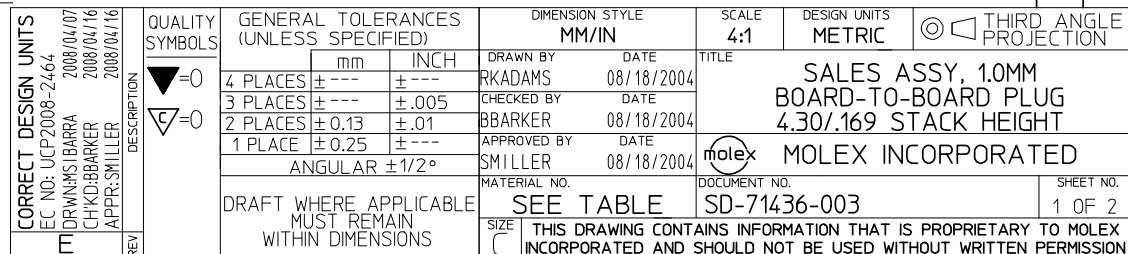




1. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER (LCP) GLASS FILLED.;
UL RATING: 94V-0; COLOR: WHITE OR BLACK
TERMINAL MATERIAL: PHOSPHOR BRONZE; 0.205/.0080 THICK
VACUUM CAP MATERIAL: STAINLESS STEEL; 0.255/.0100 THICK
2. PLATING FINISHES: SEE SHEET 2
3. PRODUCT SPECIFICATION: PS-71436-999
4. PACKAGING SPECIFICATIONS: 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 AAB 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	C
1	E
SHT	REV



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

WHITE (NATURAL) MATERIAL

CIRCUIT SIZE	PLUG ASSEMBLY ITEM NUMBER	PEGS	CONTACT PLATING (SEE PLATING NOTES)	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71436-2146	YES	30 GOLD	NO	PK-70873-0607	TUBE
64	71436-2346	YES	30 GOLD	YES	PK-70873-0607	TUBE
64	71436-2446	YES	30 GOLD	YES	PK-70873-063	TAPE & REEL
64		NO	30 GOLD	NO	PK-70873-0606	TUBE
64		NO	30 GOLD	YES	PK-70873-0606	TUBE
64	71436-2846	NO	30 GOLD	YES	PK-70873-063	TAPE & REEL
64		NO	50 GOLD	YES	PK-70873-063	TAPE & REEL

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.

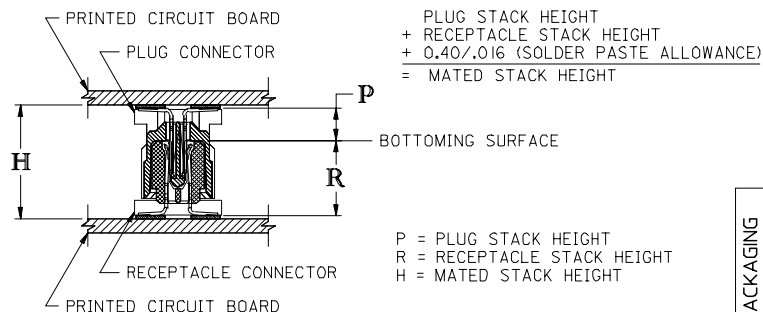
50 GOLD: SELECTIVE GOLD (Au) IN THE CONTACT AREA;
THICKNESS = 1.27 MICROMETERS (50 MICROINCHES) MINIMUM;
SELECTIVE TIN (Sn) IN THE PC TAIL AREA;
THICKNESS = 1.88 MICROMETERS (75 MICROINCHES) MINIMUM;
NICKEL UNDERPLATE OVERALL.

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		NO	30 GOLD	YES	PK-70873-0634	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***



MODIFY PACKAGING EC NO: UCP2006-2840 2006/06/12 DRAWN BY: BARRA 2006/06/12 CHKD: BBARKER 2006/06/12 APPR: SMILLER 2006/06/12	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	TITLE SALES ASSY. 1.0MM BOARD-TO-BOARD PLUG 4.30/.169 STACK HEIGHT		
			4 PLACES	±.005	±.005	RKADAMS	08/18/2004			
			3 PLACES	±.01	±.01	BBARKER	08/18/2004			
			2 PLACES	±0.25	±.01	APPROVED BY	DATE	MOLEX INCORPORATED		
			1 PLACE	±0.25	±.01	SMILLER	08/18/2004			
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			SHEET NO. 2 OF 2
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-71436-003			
					SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				