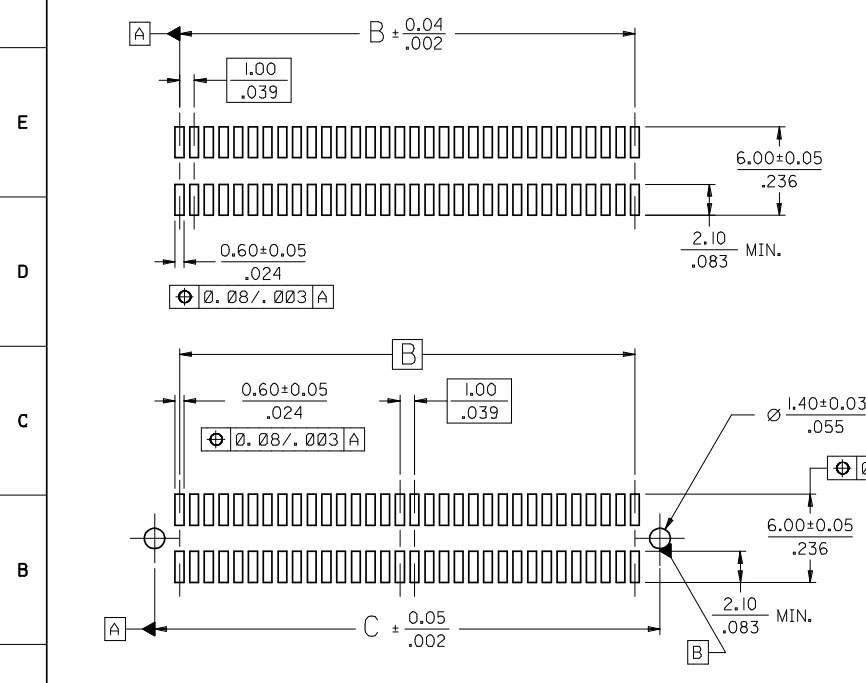


CIRCUIT SIZE	DIM. A	DIM. B	DIM. C	DIM. D
20	13.90 .547	9.00 .354	12.40 .488	12.22 .481
30	18.90 .744	14.00 .551	17.40 .685	17.22 .678
40	23.90 1.138	19.00 .748	22.40 1.079	22.22 1.072
50	28.90 1.335	24.00 .945	27.40 1.276	27.22 1.269
60	33.90 1.413	29.00 1.220	32.40 1.354	32.22 1.347
64	35.90 1.531	31.00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



RECOMMENDED PCB LAYOUT  
(WITH AND WITHOUT PEGS)  
RECOMMENDED PCB THICKNESS: 1.00±0.10/.039±.004

**NOTES:**

- 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
- PLATING FINISHES: SEE SHEET 2
- PRODUCT SPECIFICATION: PS-71436-999
- PACKAGING SPECIFICATIONS: REFER TO CHART ON SHEET 2.
- MATES WITH: 71436 SERIES. SEE SHEET 2 FOR MATING VIEW AND STACK HEIGHT.
- 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 RECEPTACLE ASSEMBLY WITH PEGS AND VACUUM CAP SHOWN FOR ILLUSTRATION PURPOSES ONLY.
- DIMENSIONS ARE IN mm/in. INCH DIMENSIONS SHOWN FOR REFERENCE ONLY.
- ASSEMBLY TO HAVE DATE CODE: XX XX WEEK YEAR

2	K
1	K
SHT	REV

CORRECT DESIGN UNITS EC NO: UCP2008-2484 DRAWN: MSIBARRA CHKD: BBARKER APPR: SMILLER	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ±--- ±--- 3 PLACES ±--- ±.005 2 PLACES ±0.13 ±.01 1 PLACE ±0.25 ±---	DRAWN BY REED	DATE 1995/03/23	TITLE 1.0MM BOARD-TO-BOARD RECEPTACLE CONNECTOR 10.30/406 STACK HEIGHT	
DESCRIPTION REV	APPROVED BY BIXLER	DATE 1995/03/23	MOLEX MOLEX INCORPORATED		DOCUMENT NO. SDA-71439-3***	SHEET NO. 1 OF 2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

WHITE (NATURAL) MATERIAL

CIRCUIT SIZE	RECEPTACLE ASSY. ITEM NUMBER	PEGS	CONTACT PLATING (SEE PLATING NOTES)	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71439-3164	YES	30 GOLD	NO	PK-70873-0693	TUBE
64	71439-3364	YES	30 GOLD	YES	PK-70873-0693	TUBE
64	71439-3464	YES	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71439-3564	NO	30 GOLD	NO	PK-70873-0692	TUBE
64	71439-3764	NO	30 GOLD	YES	PK-70873-0692	TUBE
64	71439-3864	NO	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71439-3264	NO	50 GOLD	YES	PK-70873-063	TAPE & REEL

PLATING NOTES:

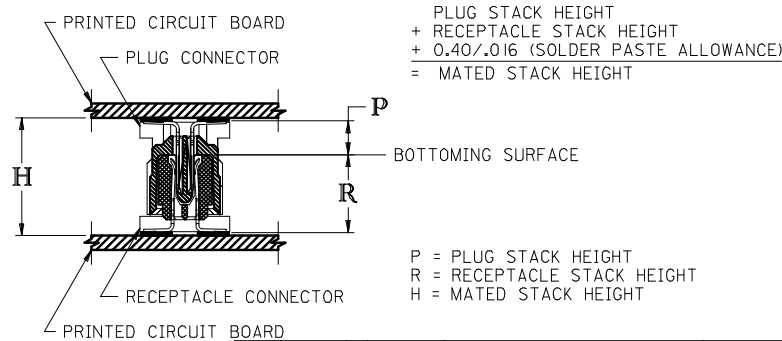
30 GOLD: SELECTIVE GOLD (Au) IN THE CONTACT AREA;  
THICKNESS = 0.76 MICROMETERS (30 MICROINCHES) MINIMUM;  
SELECTIVE TIN (Sn) IN THE PC TAIL AREA;  
THICKNESS = 1.88 MICROMETERS (75 MICROINCHES) MINIMUM;  
NICKEL UNDERPLATE OVERALL.

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.

\*THE PRIMARY SHIPPING CARTON WILL BE LABELED 'COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC'. CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

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.
14.00/.551	10.30/.406	71439-3***	3.30/.130	71436-1***
15.00/.591	10.30/.406	71439-3***	4.30/.169	71436-2***



CORRECT DESIGN UNITS EC NO: UCP2008-2484 DRWN:MSI/BARRA 2008/04/22 CHKD:BBARKER 2008/05/06 APPR:SMILLER 2008/05/06	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°	DRAWN BY    DATE REED    1995/03/23 CHECKED BY    DATE REED    1995/03/23 APPROVED BY    DATE BIXLER    1995/03/23	MM/IN	---	METRIC	TITLE ASSY 1.0MM BOARD-T-BOARD RECEPTACLE CONNECTOR 10.30/406 STACK HEIGHT MOLEX MOLEX INCORPORATED
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	SEE TABLE	DOCUMENT NO.	SDA-71439-3***	SHEET NO. 2 OF 2
	K		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			