

**RECOMMENDED PCB LAYOUT  
(WITH AND WITHOUT PEGS)  
RECOMMENDED PCB THICKNESS: 1.00±0.10**

CIRCUIT SIZE	DIM.A	DIM.B	DIM.C	DIM.D
20	13.90	9.00	12.40	12.22
30	18.90	14.00	17.40	17.22
40	23.90	19.00	22.40	22.22
50	28.90	24.00	27.40	27.22
60	33.90	29.00	32.40	32.22
64	35.90	31.00	34.40	34.22
70	38.90	34.00	37.40	37.22
80	43.90	39.00	42.40	42.22
84	45.90	41.00	44.40	44.22
90	48.90	44.00	47.40	47.22
100	53.90	49.00	52.40	52.22
110	58.90	54.00	57.40	57.22
120	63.90	59.00	62.40	62.22

- 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 THICK  
VACCUM CAP MATERIAL: STAINLESS STEEL; 0.255 THICK
  - PLATING ON CONTACTS IS AS FOLLOWS:  
0.00076 MINIMUM GOLD PLATING IN CONTACT AREA,  
0.0019 MINIMUM TIN PLATING IN TERMINAL AREA,  
OVER NICKEL PLATING OVERALL.
  - \*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLAINT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.
  - 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.
  - PACKAGING SPECIFICATIONS: REFER TO CHART ON SHEET 2.
  - PEGS ARE OPTIONAL. REFER TO CHART ON SHEET 2.
  - VACCUM PICK & PLACE CAP IS OPTIONAL. REFER TO CHART ON SHEET 2.
  - THIS PART CONFORMS TO EIA STANDARD 700 AAB FOR 1.0mm TWO-PART CONNECTORS FOR USE WITH PARALLEL PRINTED BOARDS.
  - COPLANARITY OF SMT TAILS: 0.10 MAX.
  - 64-CIRCUIT RECEPTACLE ASSEMBLY WITH PEGS AND VACCUM CAP SHOWN FOR ILLUSTRATION PURPOSES ONLY.
  - DATA CODE STAMP IS WEEK, YEAR LOCATED APPROXIMATELY WHERE SHOWN,

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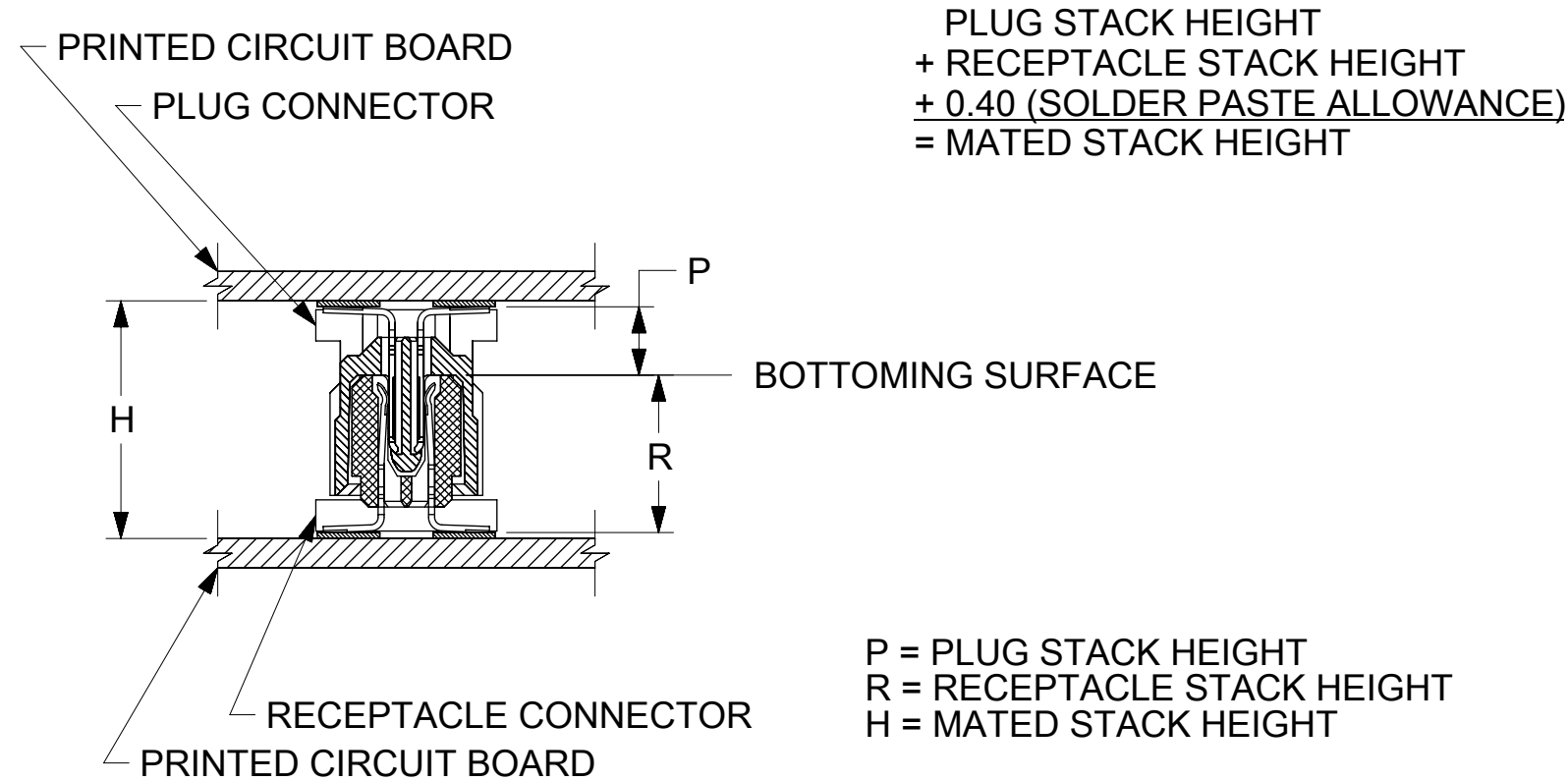
DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER	<b>molex</b>		
mm	4:1				
GENERAL TOLERANCES (UNLESS SPECIFIED)			SALES ASSY, 1.0MM BOARD TO BOARD RECEPTACLE CONNECTOR 7.30 HIGH		
ANGULAR TOL	± 0.5°	EC NO: 638770	PRODUCT CUSTOMER DRAWING		
4 PLACES	±	DRWN: VLOKESHA 2020/03/09	DOCUMENT NUMBER		
3 PLACES	±	CHK'D: GGA 2020/07/21	714391000		
2 PLACES	± 0.13	APPR: GGA 2020/07/21	DOC TYPE   DOC PART   REVISION		
1 PLACE	± 0.25	INITIAL REVISION:	PSD 000 A2		
0 PLACES	±	DRWN: REED 1995/04/03	MATERIAL NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			CUSTOMER		
THIRD ANGLE PROJECTION			GENERAL MARKET		
DRAWING			SHEET NUMBER		
C-SIZE			71439		
SERIES			SEE TABLE		
1 OF 2					

STANDARD

CIRCUIT SIZE	RECEPTACLE ASSY. MATERIAL NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71439-1164	YES	NO	PK-70873-0601	TUBE
64	71439-1364	YES	YES	PK-70873-0607	TUBE
64	71439-1464	YES	YES	PK-70873-063	TAPE & REEL
64	71439-1564	NO	NO	PK-70873-0606	TUBE
64	71439-1864	NO	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.
11.00	7.30	71439-1***	3.30	71436-1***
12.00	7.30	71439-1***	4.30	71436-2***



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DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER								
mm	1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 638770			SALES ASSY, 1.0MM BOARD TO BOARD RECEPTACLE CONNECTOR 7.30 HIGH					
ANGULAR TOL	± 0.5°	DRWN: VLOKESHA 2020/03/09			PRODUCT CUSTOMER DRAWING					
4 PLACES	±	CHK'D: GGA 2020/07/21			DOCUMENT NUMBER					
3 PLACES	±	APPR: GGA 2020/07/21			714391000			DOC TYPE	DOC PART	REVISION
2 PLACES	± 0.13	INITIAL REVISION:			PSD 000 A2					
1 PLACE	± 0.25	DRWN: REED 1995/04/03			MATERIAL NUMBER					
0 PLACES	±	APPR: BIXLER 1995/04/03			CUSTOMER					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	SHEET NUMBER		SHEET NUMBER			
			C-SIZE	71439	SEE TABLE		GENERAL MARKET		2 OF 2	