

RECOMMENDED PCB LAYOUT

RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.

**RECOMMENDED PCB LAYOUT
(WITHOUT PEGS)**

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71741-0004	YES	YES	PK-70873-063	TAPE & REEL	0.76 GOLD
71741-0003	NO	YES	PK-70873-063	TAPE & REEL	0.76 GOLD
71741-0002	YES	YES	PK-70873-063	TAPE & REEL	0.25 GOLD
71741-0001	YES	NO	PK-70873-0607	TUBE	0.25 GOLD
ITEM NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE	TERMINAL PLATING

PLATING

0.76 GOLD - 0.76 MICROMETERS MINIMUM GOLD PLATING IN CONTACT AREA, 1.90 MICROMETERS MINIMUM TIN PLATING IN TERMINAL AREA, OVER NICKEL PLATING OVERALL

0.25 GOLD - 0.25 MICROMETERS MINIMUM GOLD PLATING IN CONTACT AREA, 1.00 MICROMETERS MINIMUM TIN PLATING IN TERMINAL AREA, OVER NICKEL PLATING OVERALL

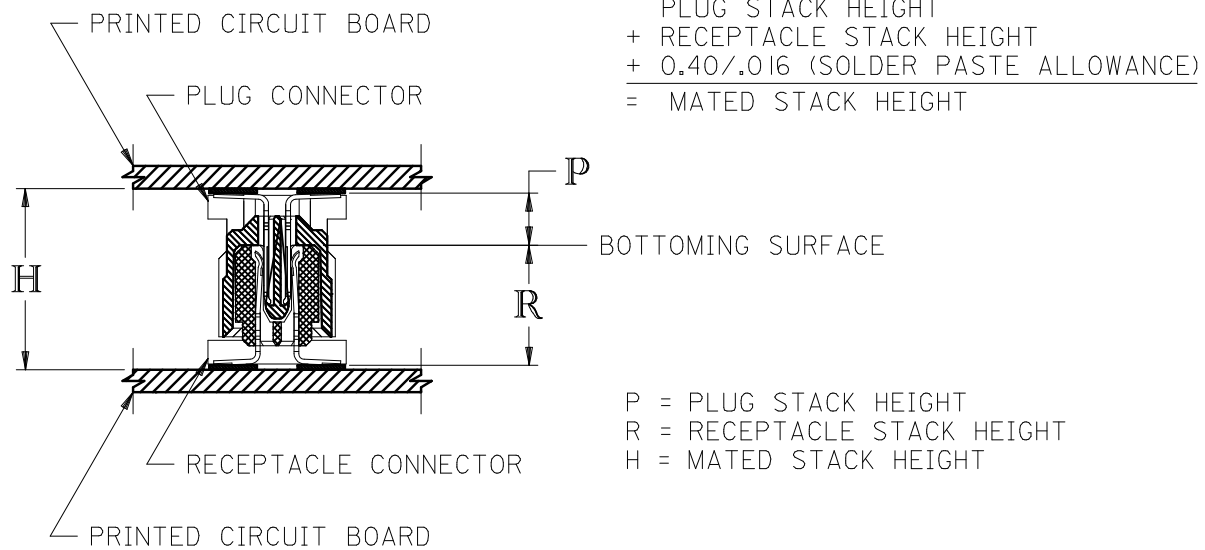
NOTES:

- HOUSING MATERIAL: G.F. THERMOPLASTIC; UL RATING: 94V-0; COLOR: WHITE
TERMINAL MATERIAL: PHOSPHOR BRONZE
VACUUM CAP MATERIAL: STAINLESS STEEL
- COPLANARITY OF SMT TAILS: 0.10 MAX.
- PACKAGING SPECIFICATIONS: REFER TO CHART
- DIMENSIONS ARE IN MILLIMETERS.
- THIS PART, WHEN MATED WITH MOLEX U.S. PART NO. 71742-0*** OR MOLEX JAPAN PART NO. 52841-0848, CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71741-9999.

ADD 12 MM STACK EC NO: UCP2009-2408 IDRW:BBARKER 2009/04/20 CHKD:DMORGAN 2009/04/20 APPR:SMILLER 2009/04/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY		DATE	TITLE	SALES ASSEMBLY, 1 MM 84 CKT, BTB PLUG 4.30 MM STACK HEIGHT MOLEX INCORPORATED		
		4 PLACES ± ---	± ---	REED		96/07/15				
		3 PLACES ± ---	± ---	CHECKED BY		DATE				
2 PLACES ± 0.18	± ---	REED		96/07/15						
1 PLACE ± 0.33	± ---	APPROVED BY		DATE						
ANGULAR ±1/2°		BIXLER		96/07/15						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE TABLE		DOCUMENT NO.		SHEET NO.		
						SDA-71741-0***		1 OF 2		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

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

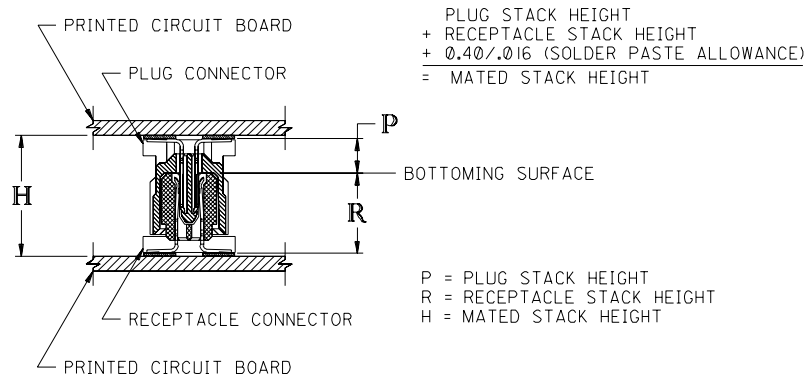
MATED STACK HEIGHT	RECEPTACLE HEIGHT	RECEPTACLE SERIES NO.	PLUG HEIGHT	PLUG SERIES NO.
10.00/.394	5.30/.209	71742-0***	4.30/.169	71741-0***
12.00/.472	7.30/.287	71742-2***		
15.00/.591	10.30/.406	71742-3***		



SEE SHEET 1 EC NO: UCP2009-2408 2009/04/20 DRWN:BBARKER 2009/04/20 CHKD:DMORGAN 2009/04/20 APPR:SMILLER 2009/04/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																											
	$\nabla=0$ $\nabla=0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.18</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.33</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.18	± ---	1 PLACE	± 0.33	± ---	<table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>REED</td> <td>96/07/15</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> </tr> <tr> <td>REED</td> <td>96/07/15</td> </tr> <tr> <th>APPROVED BY</th> <th>DATE</th> </tr> <tr> <td>BIXLER</td> <td>96/07/15</td> </tr> </tbody> </table>	DRAWN BY	DATE	REED	96/07/15	CHECKED BY	DATE	REED	96/07/15	APPROVED BY	DATE	BIXLER	96/07/15	TITLE		
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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	71742-0***	4.30/.169	71741-0***
15.00/.591	10.30/.406	71742-3***	4.30/.169	71741-0***



METRIC

REVISE ONLY ON CAD SYSTEM

UNLESS OTHERWISE SPECIFIED
TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± ----	----
2 PLACE	± ----	± ----
1 PLACE	----	± ----

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

TITLE: SALES ASSY, 1.0mm 84 CKT.
BOARD-TO-BOARD PLUG
4.30/.169 STACK HEIGHT

MOLEX INCORPORATED U.S.A.
L15LEJLL 60532

PART NO. SEE SHT 1
DRWG. NO. SDA-71741-0***

DATE: 98/12/28

DRWG. BY: KAS
CHK'D. BY: KAS
APP'D. BY: DJB
SCALE: NONE

FILE NAME: S717410.DGN
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.
DIV. CPP
SIZE C

LTR.	REVISIONS	LTR.	REVISIONS
		D	SEE SHEET 1