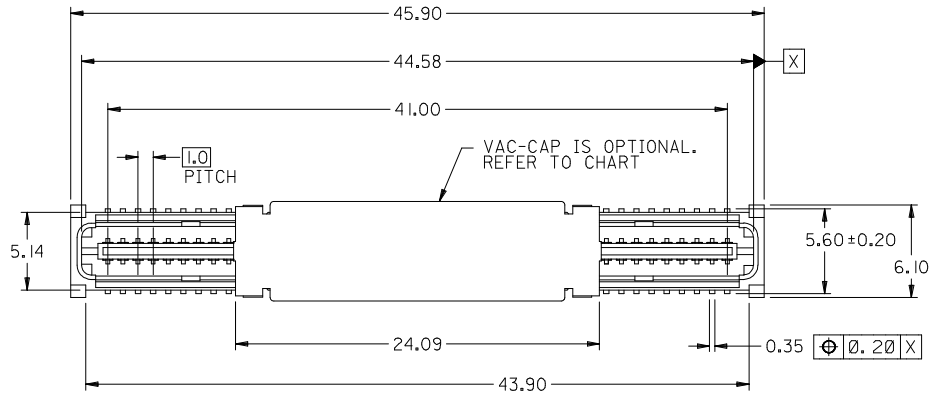


71741-2002	NO	YES	PK-70873-063	TAPE & REEL	0.76 GOLD
71741-2001	YES	YES	PK-70873-063	TAPE & REEL	0.76 GOLD
ITEM NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE	TERMINAL PLATING

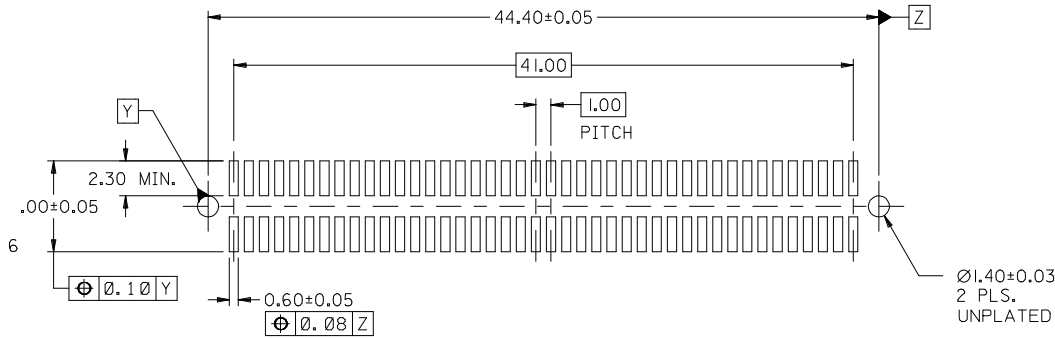
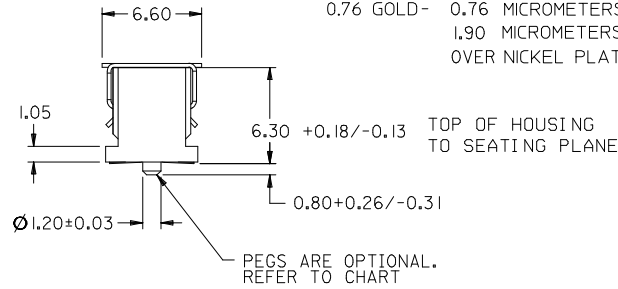
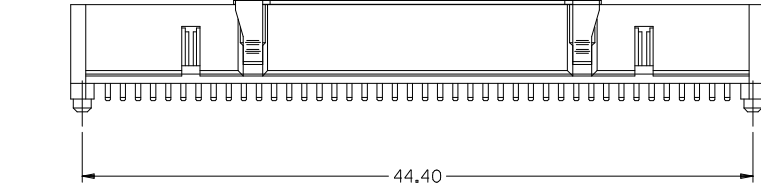


NOTES:

- 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.

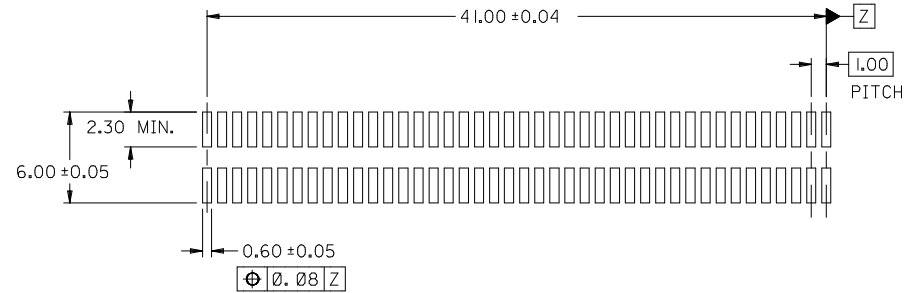
PLATING CODE:

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



RECOMMENDED PCB LAYOUT

RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.



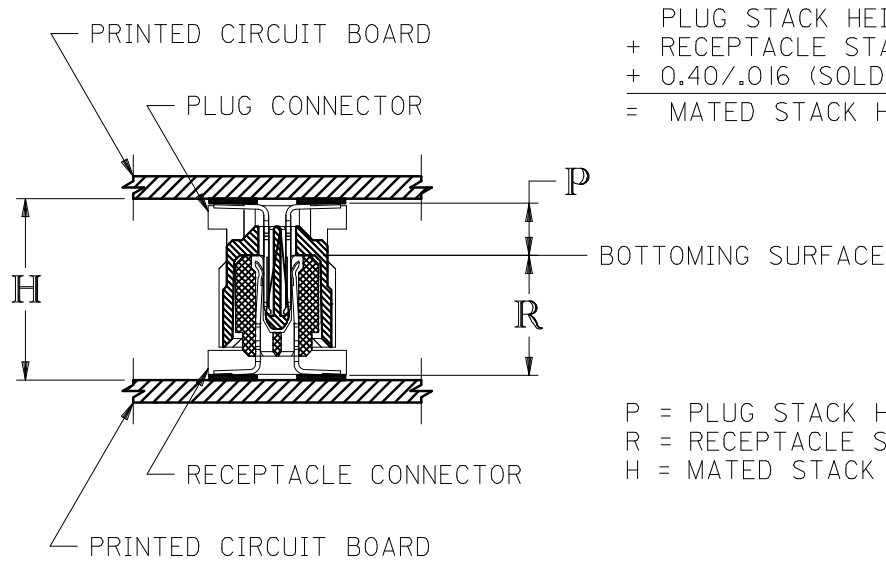
**RECOMMENDED PCB LAYOUT
(WITHOUT PEGS)**

RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.

CLARIFY DIMENSIONS EC NO: UCP2009-2408 DRWN: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 METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY JJS	DATE 99/08/16	TITLE SALES ASSEMBLY, 1 MM 84 CKT, BTB PLUG 2.30 MM STACK HEIGHT				
		4 PLACES ±---	±---	CHECKED BY PAR	DATE 99/08/16	MOLEX INCORPORATED				
		3 PLACES ±---	±---	APPROVED BY DJB	DATE 99/08/16	DOCUMENT NO. SDA-71741-2***				
2 PLACES ±0.18	±---	MATERIAL NO. SEE TABLE		SHEET NO. 1 OF 2						
1 PLACE ±0.33	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
ANGULAR ±1/2°		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 "H"	RECEPTACLE HEIGHT "R"	RECEPTACLE SERIES NO.	PLUG HEIGHT "P"	PLUG SERIES NO.
8.00/.315	5.30/.209	71742-0***	2.30/.091	71741-2***
13.00/.512	10.30/.406	71742-3***		



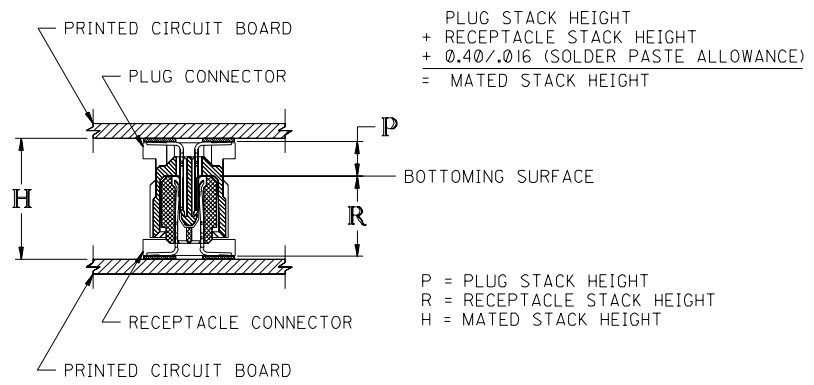
$$\begin{aligned} & \text{PLUG STACK HEIGHT} \\ & + \text{RECEPTACLE STACK HEIGHT} \\ & + 0.40/.016 \text{ (SOLDER PASTE ALLOWANCE)} \\ & = \text{MATED STACK HEIGHT} \end{aligned}$$

P = PLUG STACK HEIGHT
R = RECEPTACLE STACK HEIGHT
H = MATED STACK HEIGHT

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 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY JJS	DATE 99/08/16	SALES ASSEMBLY, 1 MM 84 CKT, BTB PLUG 2.30 MM STACK HEIGHT			
		4 PLACES	± ---	± ---	CHECKED BY PAR	DATE 99/08/16				
		3 PLACES	± ---	± ---	APPROVED BY DJB	DATE 99/08/16	MOLEX INCORPORATED SDA-71741-2***		SHEET NO. 2 OF 2	
2 PLACES	± 0.18	± ---	MATERIAL NO. SEE TABLE							
1 PLACE	± 0.33	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
				ANGULAR ±1/2°						

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

MATED STACK HEIGHT "H"	RECEPTACLE HEIGHT "R"	RECEPTACLE SERIES NO.	PLUG HEIGHT "P"	PLUG SERIES NO.
* 8.00/.315	5.30/.209	71742-0***	2.30/.091	71741-2***
13.00/.512	10.30/.406	71742-3***	2.30/.091	71741-2***



METRIC

REVISE ONLY ON CAD SYSTEM

UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 1/2°	
3 PLACE	±
INCH	----
METRIC	----
2 PLACE	±
1 PLACE	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

TITLE: SALES ASSY, 1.0mm 84 CKT. BOARD-TO-BOARD PLUG 2.30/.091 STACK HEIGHT

MOLEX INCORPORATED U.S.A. SHEET NO. 2 DATE 99/08/13

PART NO. SEE SHT 1 DRWG. NO. SDA-71741-2***

FILE NAME: ST17410.DGN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

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

LTR.	REVISIONS	LTR.	REVISIONS
		A	SEE SHEET 1
		I	SEE SHEET 1