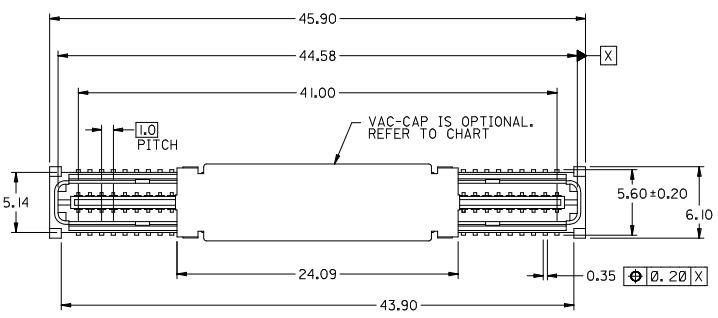


13 12 11 10 9 8 7 6 5 4 3 2 1

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

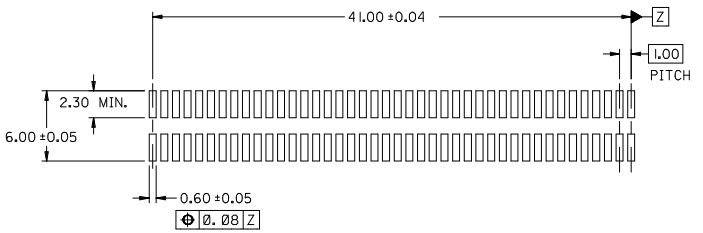
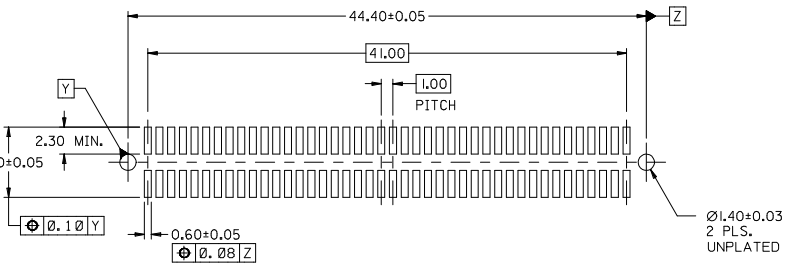
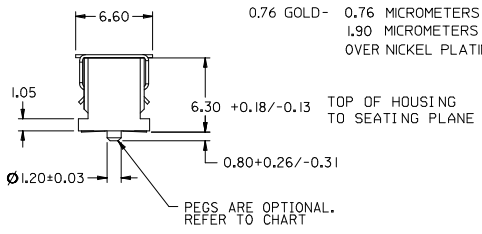
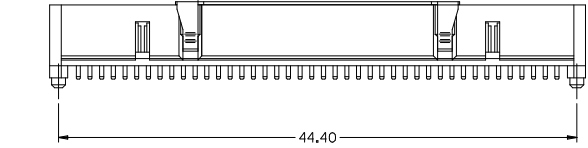


NOTES:

- 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.

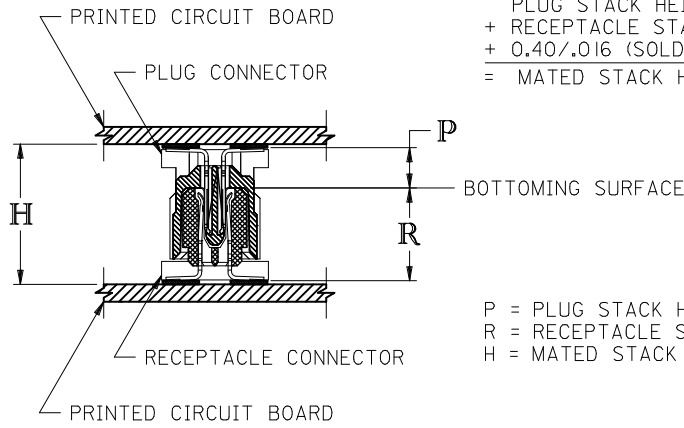
CLARIFY DIMENSIONS EC NO. UCP2009-2408 DRW: BARKER 2009/04/20 CHK: DUNNAN 2009/04/20 APPR: SHILLER 2009/04/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		4 PLACES ±---	±---	DRAWN BY	DATE	TITLE	SALES ASSEMBLY, 1 MM 84 CKT, BTB PLUG 2.30 MM STACK HEIGHT	
		3 PLACES ±---	±---	CHECKED BY	DATE	MOLEX INCORPORATED		
		2 PLACES ±0.18	±---	APPROVED BY	DATE			
1 PLACE ±0.33	±---	DATE	DATE					
ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SDA-71741-2***		1 OF 2

12 11 10 9 8 7 6 5 4 3 2 1

13 12 11 10 9 8 7 6 5 4 3 2 1

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

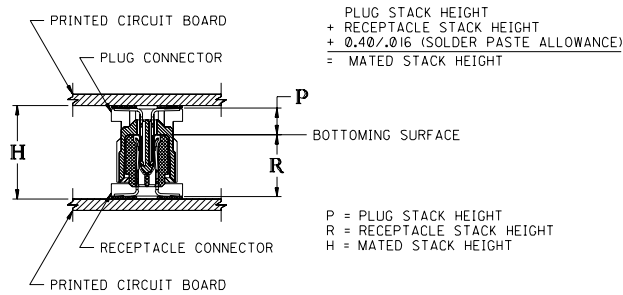
SEE SHEET 1 EC NO. UCP2009-2-08 DRAWN BY DRW:BARBER 2009/04/20 CHECKED BY CHAD:DRORIAN 2009/04/20 APPR: SHTLER 2009/04/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY	1:1	METRIC		
				DRAWN BY	DATE	TITLE		
				JJS	99/08/16	SALES ASSEMBLY, 1 MM 84 CKT, BTB PLUG 2.30 MM STACK HEIGHT		
				CHECKED BY	DATE	MOLEX INCORPORATED		
				PAR	99/08/16			
				APPROVED BY	DATE			
				DJB	99/08/16			
				MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
				SEE TABLE		SDA-71741-2***	2 OF 2	
		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				

12 11 10 9 8 7 6 5 4 3 2 1

13 12 11 10 9 8 7 6 71741 4 3 2 1

• 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°		TITLE	
2 PLACE	INCH	SALES ASSY, 1.0mm 84 CKT. BOARD-TO-BOARD PLUG	
2 PLACE	METRIC	2.30/.091 STACK HEIGHT	
1 PLACE		MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PART NO.	SHEET NO.
		SEE SHT 1	2
		DATE	99/08/13
		DRWG. NO.	SDA-71741-2***
DRWN. BY	JJS	CHK'D. BY	DJB
APP'D. BY	DJB	SCALE	NONE
LTR. REVISIONS		LTR. REVISIONS	

13 12 11 10 9 8 7 6 5 4 3 2 1