

Excellent Integrated System Limited

Stocking Distributor

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[0717412001](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

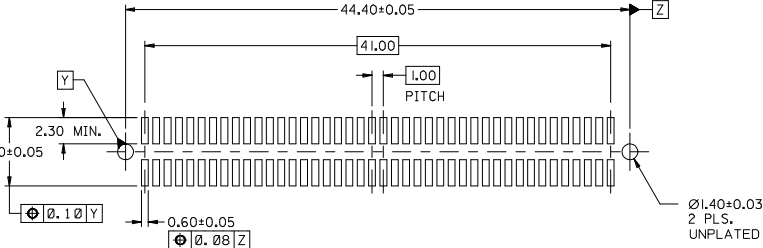
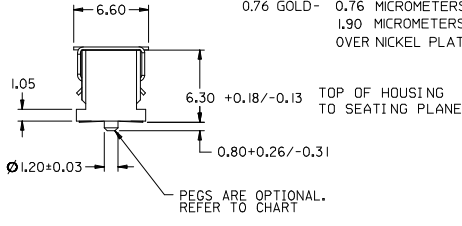
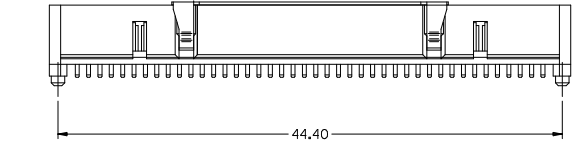
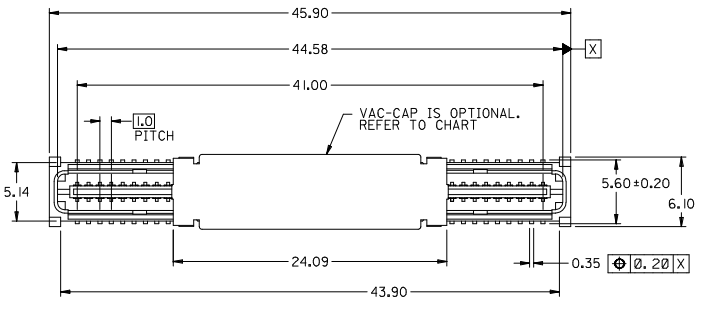
71741-2002	NO	YES	PK-70873-063	TAPE & REEL	0.76 GOLD
71741-2001	YES	YES	PK-70873-063	TAPE & REEL	0.76 GOLD
ITEM NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE	TERMINAL PLATING

NOTES:

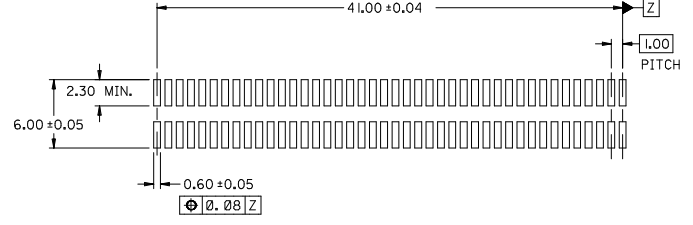
- HOUSING MATERIAL: G.F. THERMOPLASTIC; UL RATING: 94V-0; COLOR: WHITE
TERMINAL MATERIAL: PHOSPHOR BRONZE
VACUUM CAP MATERIAL: STAINLESS STEEL
- COPLANARITY OF SMT TAILS: 0.10 MAX.
- PACKAGING SPECIFICATIONS: REFER TO CHART
- DIMENSIONS ARE IN MILLIMETERS.
- THIS PART, WHEN MATED WITH MOLEX U.S. PART 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.

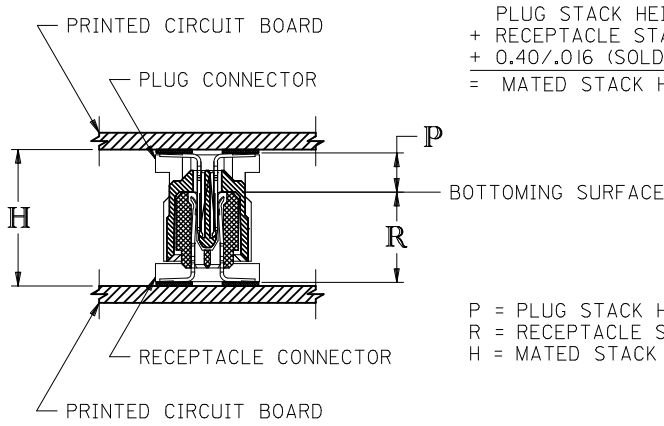


RECOMMENDED PCB LAYOUT (WITHOUT PEGS)
RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.

CLARIFY DIMENSIONS EC NO: UCP2009-2408 DRAWN BY: DRWNBARKER 2009/04/20 CHECKED BY: CHKQJORGAN 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
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY: JJS DATE: 99/08/16	TITLE: SALES ASSEMBLY, 1 MM 84 CKT, BTB PLUG 2.30 MM STACK HEIGHT	
		2 PLACES ± 0.18 ± ---	1 PLACE ± 0.33 ± ---	CHECKED BY: PAR DATE: 99/08/16	APPROVED BY: DJB DATE: 99/08/16	
		ANGULAR ± 1/2°		MATERIAL NO. SEE TABLE	DOCUMENT NO. SDA-71741-2***	
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		SHEET NO. 1 OF 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***		



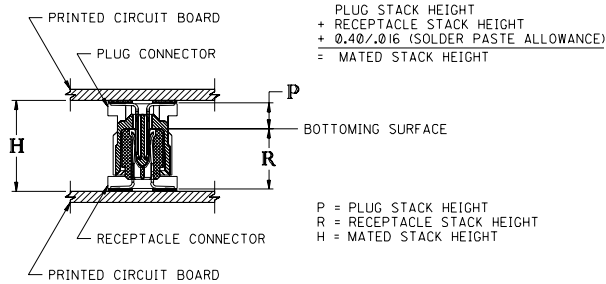
$$\begin{aligned}
 & \text{PLUG STACK HEIGHT} \\
 & + \text{RECEPTACLE STACK HEIGHT} \\
 & + 0.40/.016 \text{ (SOLDER PASTE ALLOWANCE)} \\
 & = \text{MATED STACK HEIGHT}
 \end{aligned}$$

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

SEE SHEET 1 EC NO: UCF2009-2408 DRAWN BY: 2009/04/28 CHKD BY: 2009/04/20 APPR: 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			
			2 PLACES ± 0.18 ± ---				MOLEX INCORPORATED SDA-71741-2*** SHEET NO. 2 OF 2		
	1 PLACE ± 0.33 ± ---								
			ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT 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					

• 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

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: ANGULAR ± 1/2°		REVISE ONLY ON CAD SYSTEM	
3 PLACES	2 PLACES	1 PLACE	
INCH	----	----	
METRIC	----	----	
DRAWING WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
DRG. BY: JJS	CHKD. BY: DJB	DATE: 99/08/13	
APP. BY: DJB	SCALE: NONE	PART NO.: SDA-71741-2***	
LTR.	REVISIONS	LTR.	REVISIONS

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

MOLEX INCORPORATED
SHEET NO. 2 DATE 99/08/13

SEE SHT 1 SDA-71741-2***

FILE NAME: 571741.DWG
DRAWN: DJB
DATE: 99/08/13

DO NOT CHANGE CONTENTS INFORMATION UNLESS IS PREVIOUSLY TO
UNLESS YOU HAVE GAINED THE USE WITHOUT WRITER PERMISSION

TESTER: CPP