

## Excellent Integrated System Limited

Stocking Distributor

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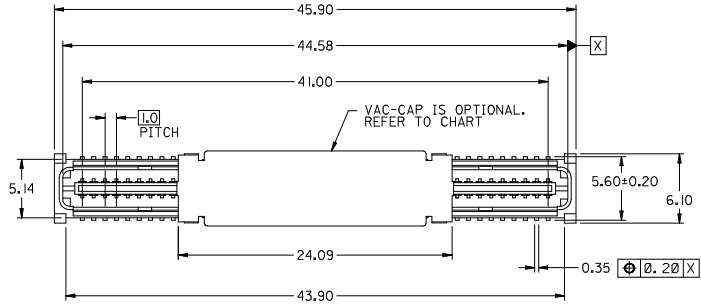
[Molex Connector Corporation](#)

[0717410004](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

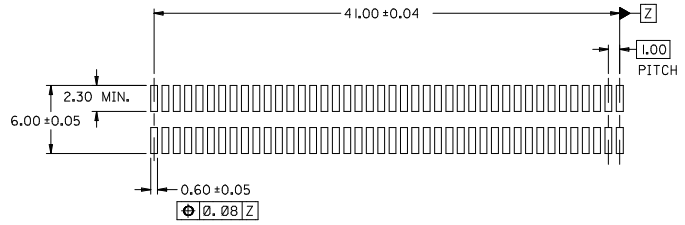
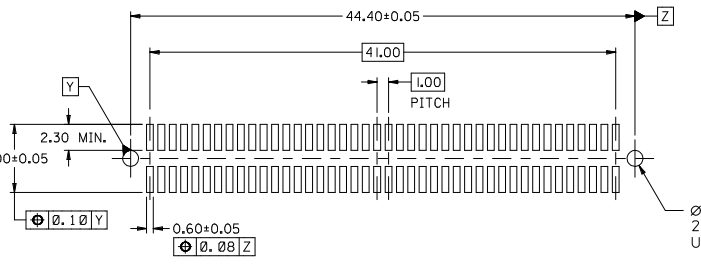
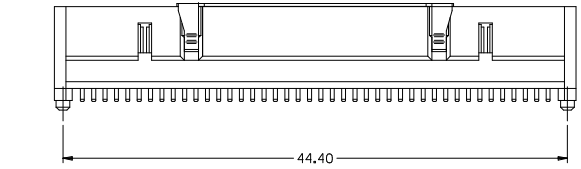
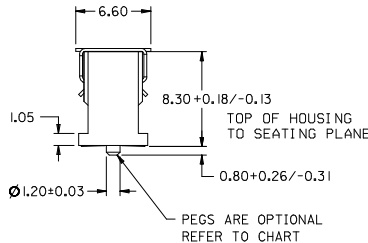
71741-0004	YES	YES	PK-70873-063	TAPE & REEL	0.76 GOLD
71741-0003	NO	YES	PK-70873-063	TAPE & REEL	0.76 GOLD
71741-0002	YES	YES	PK-70873-063	TAPE & REEL	0.25 GOLD
71741-0001	YES	NO	PK-70873-0607	TUBE	0.25 GOLD
ITEM NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE	TERMINAL PLATING



**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



**RECOMMENDED PCB LAYOUT**

RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.

**RECOMMENDED PCB LAYOUT (WITHOUT PEGS)**

RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.

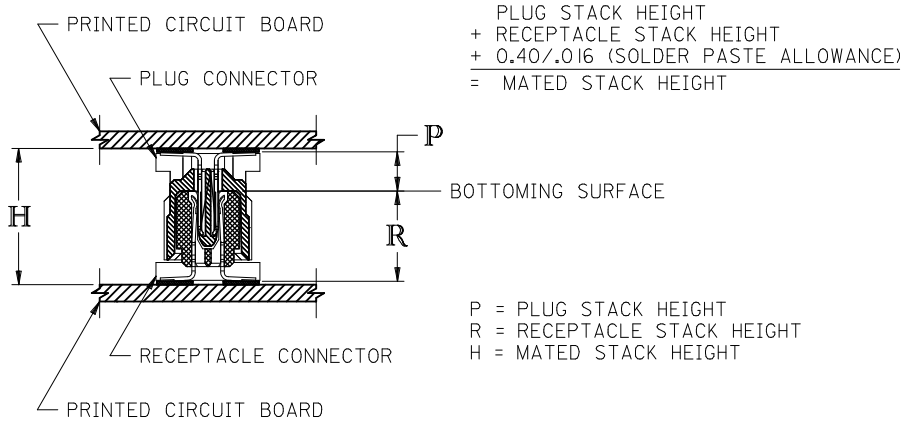
**NOTES:**

- 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 2009/04/20 DRW: BARKER 2009/04/20 CHK: JORGAN 2009/04/20 APPR: SMILLER 2009/04/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.18 ± --- 1 PLACE ± 0.33 ± --- ANGULAR ± 1/2°	MM ONLY	METRIC			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	DATE	DATE	DATE	TITLE
				REED 96/07/15	REED 96/07/15	REED 96/07/15	SALES ASSEMBLY, 1 MM 84 CKT, BTB PLUG 4.30 MM STACK HEIGHT
			APPROVED BY	DATE	DATE	DATE	MOLEX INCORPORATED
			BIXLER	96/07/15			MOLEX INCORPORATED
			MATERIAL NO.	DOCUMENT NO.			SDA-71741-0***
							SHEET NO. 1 OF 2

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

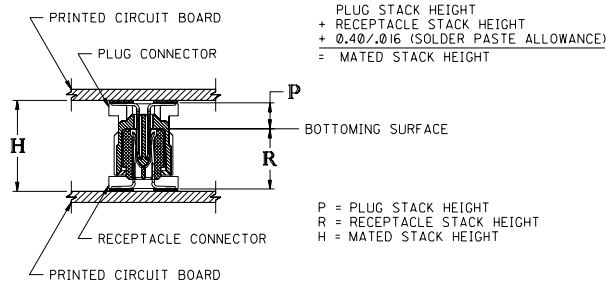
MATED STACK HEIGHT	RECEPTACLE HEIGHT	RECEPTACLE SERIES NO.	PLUG HEIGHT	PLUG SERIES NO.
10.00/.394	5.30/.209	71742-0***	4.30/.169	71741-0***
12.00/.472	7.30/.287	71742-2***		
15.00/.591	10.30/.406	71742-3***		



SEE SHEET 1 EC NO: UCP2009-2408 2009/04/20 DRW: BARKER 2009/04/20 CHK: BORGAN 2009/04/21 APPR: MILLER 2009/04/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.18 ± --- 1 PLACE ± 0.33 ± --- ANGULAR ± 1/2°	MM ONLY	1:1	METRIC	SALES ASSEMBLY, 1 MM 84 CKT, BTB PLUG 4.30 MM STACK HEIGHT	
	DRAWN BY REED DATE 96/07/15 CHECKED BY REED DATE 96/07/15 APPROVED BY BIXLER DATE 96/07/15	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	MOLEX INCORPORATED		MOLEX INCORPORATED SDA-71741-0*** SHEET NO. 2 OF 2
	MATERIAL NO. SEE TABLE SIZE C	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***
15.00/.591	10.30/.406	71742-3***	4.30/.169	71741-0***



**METRIC**

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: ± 1/2°		REVISE ONLY ON CAD SYSTEM	
3 PLACE	INCH	METRIC	
3 PLACE	± .001	----	
2 PLACE	± .005	----	
1 PLACE	± .015	----	

DRWG. KAS  
BY KAS  
DATE 98/12/28  
SCALE NONE

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

MOLEX INCORPORATED  
PART NO. SDA-71741-0\*\*\*  
SHEET NO. 2 OF 2

SEE SHT 1