

## **Excellent Integrated System Limited**

Stocking Distributor

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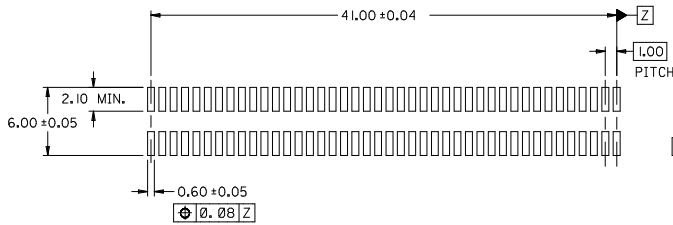
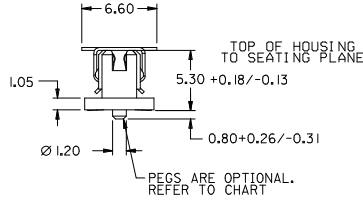
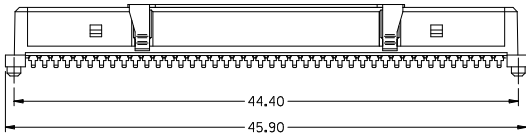
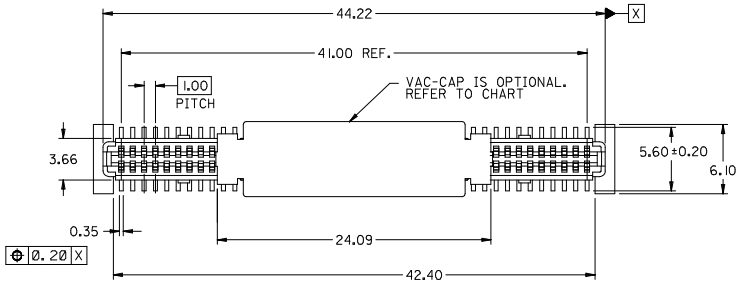
[Molex Connector Corporation](#)  
[0717420006](#)

For any questions, you can email us directly:

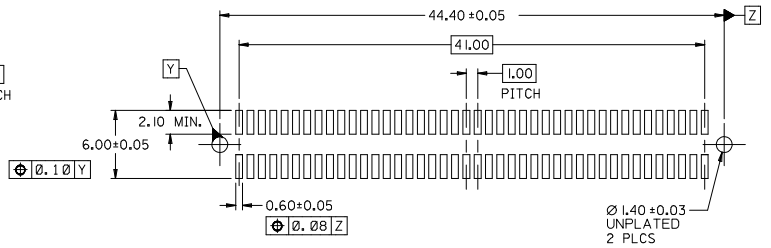
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**NOTES:**

- HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP); UL RATING: 94V-0; COLOR: WHITE  
TERMINAL MATERIAL: PHOSPHOR BRONZE  
VACUUM CAP MATERIAL: STAINLESS STEEL
- COPLANARITY OF SMT TAILS: 0.10 MAX.
- DIMENSIONS ARE IN MILLIMETERS.
- PACKAGING SPECIFICATIONS: REFER TO CHART
- THIS PART, WHEN MATED WITH MOLEX U.S. PART NO. 71741-0\*\*\* OR MOLEX JAPAN PART NO. 53543-0849, CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71741-9999.



**RECOMMENDED PCB LAYOUT**  
RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.



**RECOMMENDED PCB LAYOUT WITH PEGS**  
RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.

**PLATINGS:**

X21 - .76 MICROMETER/(30 MICROINCH) MINIMUM GOLD PLATE IN SELECT AREA, 1.91 MICROMETER/(75 MICROINCH) MINIMUM TIN PLATE IN SELECT AREA, OVER NICKEL UNDERPLATE.

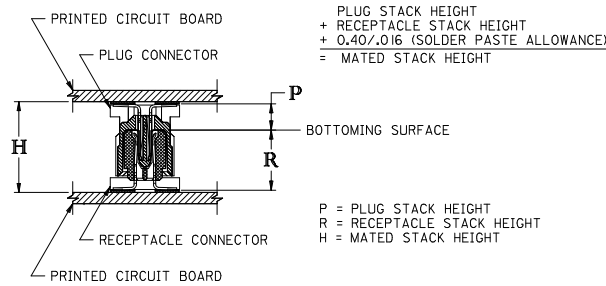
X71 - .25 MICROMETER/(10 MICROINCH) MINIMUM GOLD PLATE IN SELECT AREA, 1.02 MICROMETER/(40 MICROINCH) MINIMUM TIN PLATE IN SELECT AREA, OVER NICKEL UNDERPLATE.

ADD 8MM STACK HT EC NO: UCP2009-2408 DRW: BARKER 2009/04/20 CHK: BORGAN 2009/04/20 APPR: SMILLER 2009/04/21 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .007 2 PLACES ± 0.18 ± .013 1 PLACE ± 0.33 ± --- ANGULAR ± 1/2°	MM ONLY	METRIC	METRIC	DRAWN BY: JRR DATE: 95/08/14 CHECKED BY: SMR DATE: 95/08/14 APPROVED BY: CAB DATE: 95/08/14
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO.	DOCUMENT NO.	SALES ASSEMBLY, 1 MM 84 CKT, BTB RECEPTACLE 5.30/2.09 STACK HEIGHT MOLEX INCORPORATED	
					MOLEX INCORPORATED SDA-71742-0*** SHEET NO. 1 OF 2	

71742-0006	YES	YES	PK-70873-063	TAPE & REEL	X21
71742-0005	NO	YES	PK-70873-063	TAPE & REEL	X21
71742-0004	YES	NO	PK-70873-013	TUBE	X71
71742-0003	YES	YES	PK-70873-063	TAPE & REEL	X71
71742-0002	NO	NO	PK-70873-015	TUBE	X71
71742-0001	NO	YES	PK-70873-063	TAPE & REEL	X71
ITEM NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE	TERMINAL PLATING SEE SHEET 1

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.
8.00	5.30	71742-0***	2.30	71741-2***
10.00	5.30	71742-0***	4.30	71741-0***



SEE SHEET 1 EC NO: UCP2009-2408 DRAWN BY: DRWINBARKER 2009/04/20 CHECKED BY: CHIKOJORGAN 2009/04/20 APPR. BY: MILLER 2009/04/21 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .007 2 PLACES ± 0.18 ± .013 1 PLACE ± 0.33 ± --- ANGULAR ± 1/2°	MM ONLY	DRAWN BY: JRR DATE: 95/08/14 CHECKED BY: SMR DATE: 95/08/14 APPROVED BY: CAB DATE: 95/08/14	METRIC	SALES ASSEMBLY, 1 MM 84 CKT, BTB RECEPTACLE 5.30/.209 STACK HEIGHT	MOLEX INCORPORATED
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE SHEET 1	DOCUMENT NO. SDA-71742-0***	SHEET NO. 1 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		