

Excellent Integrated System Limited

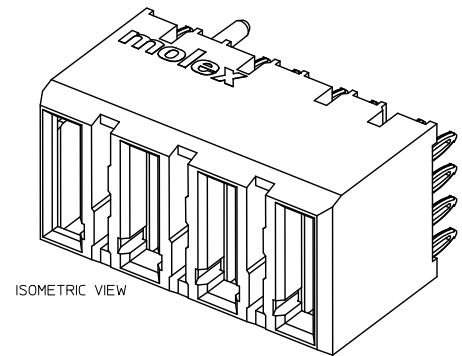
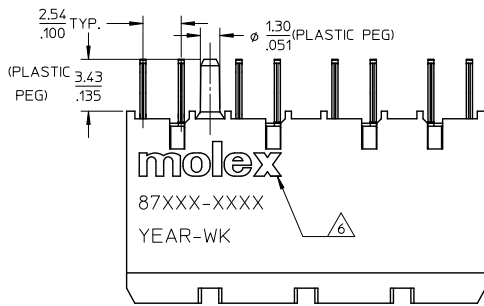
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

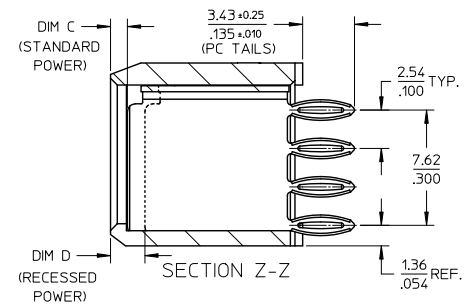
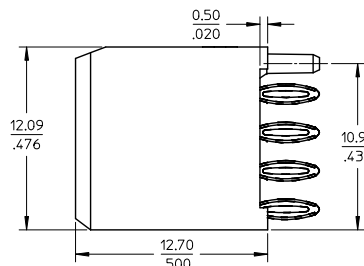
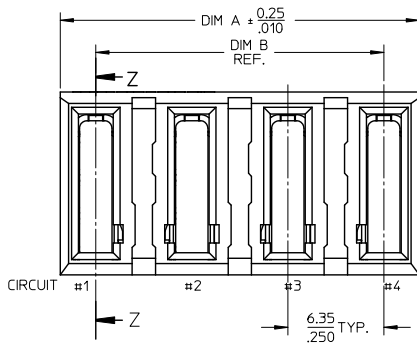
[Molex Connector Corporation](#)
[0876802001](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

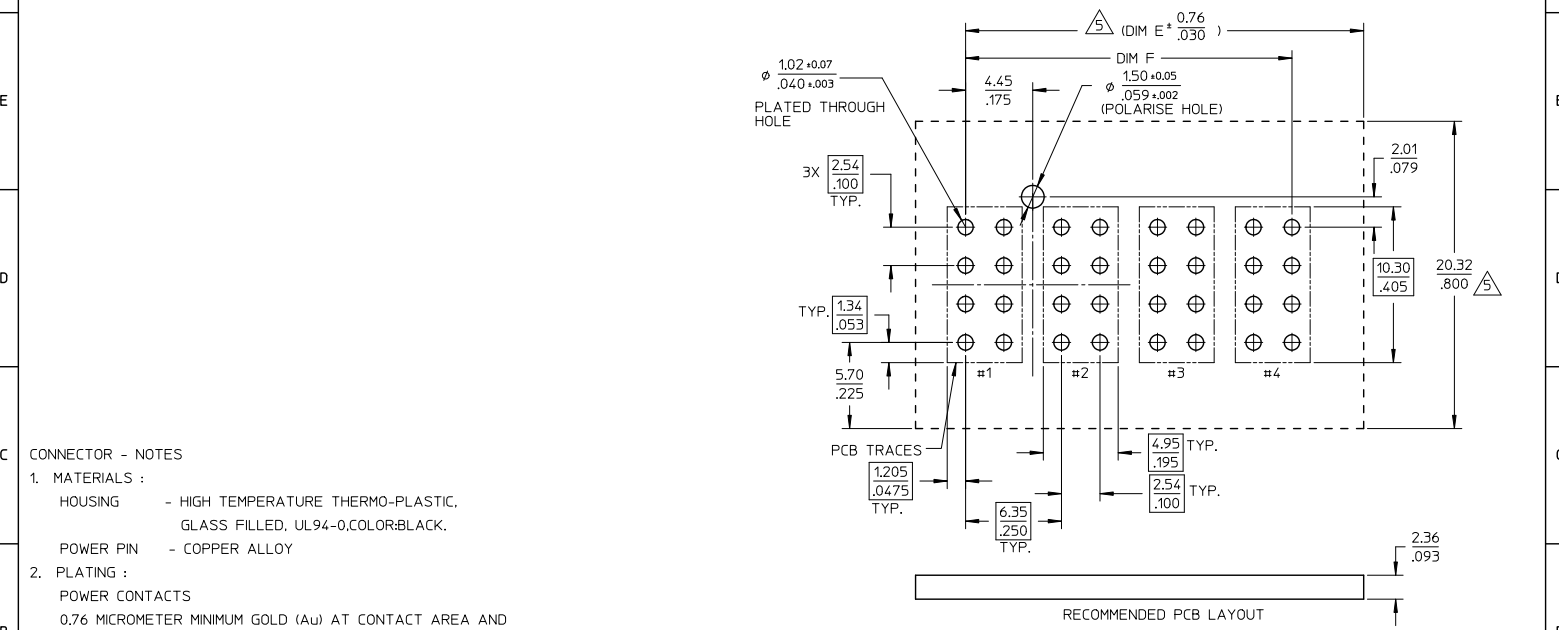


ISOMETRIC VIEW



OBS. TIN/LEAD P/N		2010/10/22		2010/11/29		2010/12/01		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
EC NO. S2011-0260		DRWNSKANG		CHKD:ATSEE		APPR:MLONG		DESCRIPTION		mm INCH		DRAWN BY DATE		TITLE		POWER CONN. RECEPTACLE POWER CONFIGURATION VERTICAL PRESS-FIT		MOLEX INCORPORATED	
D								▽=0		4 PLACES ± --- ± ---		KMGOH 2002/08/27							
								▽=0		3 PLACES ± --- ± .005		CHECKED BY DATE							
								▽=0		2 PLACES ± 0.13 ± ---		PTL IM 2002/11/25							
										1 PLACE ± --- ± ---		APPROVED BY DATE							
										ANGULAR ± 3°		SKTOH 2002/11/26							
										DRAFT WHERE APPLICABLE		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
										MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87680-010				1 OF 2	
												SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10		9		8		7			6		5		4		3		2		1	
PART NUMBER	NUMBER OF POWER PINS	RECESSED POWER CIRCUIT #	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	PACKAGING	STATUS										
87680-2001	2	2	11.05 .435	6.35 .250	1.12 .044	2.39 .094	13.63 .537	8.89 .350	TRAY	TOOLED										
87680-2002	4	2,3,4	23.75 .935	19.05 .750	1.12 .044	2.39 .094	26.33 1.037	21.59 .850	TRAY	TOOLED										



CONNECTOR - NOTES

- MATERIALS :**
HOUSING - HIGH TEMPERATURE THERMO-PLASTIC, GLASS FILLED, UL94-0,COLOR:BLACK.
POWER PIN - COPPER ALLOY
- PLATING :**
POWER CONTACTS
0.76 MICROMETER MINIMUM GOLD (Au) AT CONTACT AREA AND
2.54 MICROMETER MINIMUM TIN AT SOLDER TAIL AREA
OVER 1.27um MIN. NICKEL (Ni) UNDERPLATE.
- PRODUCT SPECIFICATION:** PS-87680-006.
- PCB NOTE FOR DIAMETER 1.02/.040 PLATED HOLE.**
- DRILLED HOLE SIZE IS 1.151/.0453
- PLATE WITH 0.007/.0003 MINIMUM TIN OVER 0.03/.001
TO 0.08/.003 COPPER PLATING TO ACHIEVE 1.02+0.08/.040±.003 HOLE.
SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.

△ COMPONENT STAY AWAY ZONE FROM CONNECTOR.
△ MANUFACTURER LOGO,PART NUMBER AND YEAR-WEEK CODE.

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
√=0	mm INCH	MM/IN	NTS	METRIC	
√=0	4 PLACES ± --- ± ---	DRAWN BY DATE			
√=0	3 PLACES ± --- ± .005	CHECKED BY DATE			
	2 PLACES ± 0.13 ± ---	PTL IM DATE			
	1 PLACE ± --- ± ---	APPROVED BY DATE			
	ANGULAR ± 3 °	SKTOH DATE			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.			
		SEE TABLE			
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			