

Excellent Integrated System Limited

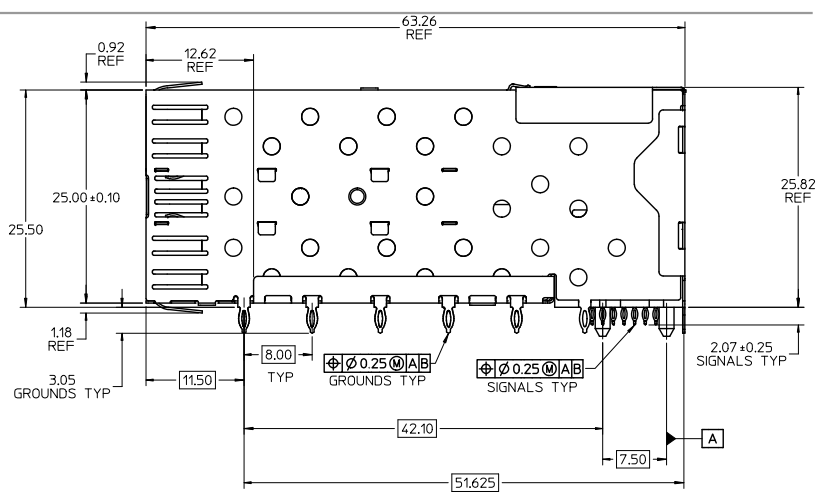
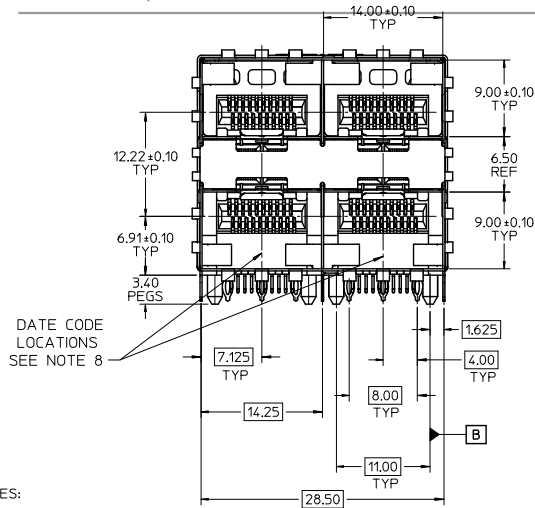
Stocking Distributor

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

[Molex Connector Corporation](#)
[0757595001](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



NOTES:

1. MATERIAL:

CAGE: NICKEL SILVER, THICKNESS: 0.25mm
CONNECTOR HOUSING: GLASS FILLED HIGH TEMP PLASTIC, 94 V-0, COLOR: BLACK
OVERMOLDED TERMINAL HOUSING: GLASS FILLED HIGH TEMP PLASTIC, 94 V-0, COLOR: BLACK
TERMINALS: TIN BRASS
LIGHT PIPES: POLYCARBONITE, 94 V-0, COLOR: CLEAR
LIGHT PIPE HOUSING: ZINC

2. FINISH:

LIGHT PIPE HOUSING: 150 MICROMETERS NICKEL OVER 150 MICROMETERS COPPER
TERMINALS: CONTACT AREA: 0.76 MICROMETERS MINIMUM HARD GOLD OVER 1.27 MICROMETERS NICKEL.
COMPLIANT TAIL: MATTE TIN-LEAD OPTION: 0.76 TO 1.52 MICROMETERS 90/10 MATTE TIN-LEAD OVER 0.76 TO 1.52 MICROMETERS NICKEL
COMPLIANT TAIL: MATTE TIN OPTION: 0.76 TO 1.52 MICROMETERS MATTE TIN OVER 0.76 TO 1.52 MICROMETERS NICKEL

3. REFER TO PS-75310-001 PRODUCT SPEC FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.

4. LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW-PROFILE LED PACKAGE, FOR OTHER RECOMMENDED LAYOUTS REFER TO MOLEX'S REPORT TS-75310-001.

5. REFER TO PK-75714-001 FOR ALL PACKAGING SPECIFICATIONS.

6. THE CURVED TAILS THAT GO INTO THE HOLES LOCATED BY THESE DIMENSIONS ARE BEING ELIMINATED. TO ACCOMMODATE THIS CONVERSION, IT IS RECOMMENDED THAT BOARDS DESIGNED TO THIS PRINT REVISION INCLUDE THESE HOLES.

7. PART COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002.

SEE SHEET 3 SECTION Z-Z FOR SURFACE CLASSIFICATIONS.
UNDERSIDE OF CAGE COMPLIES WITH CLASS 'C'.

8. DATE CODE LOCATION IS SHOWN ABOVE.

DATE CODE FORMAT: DDDY MX A1

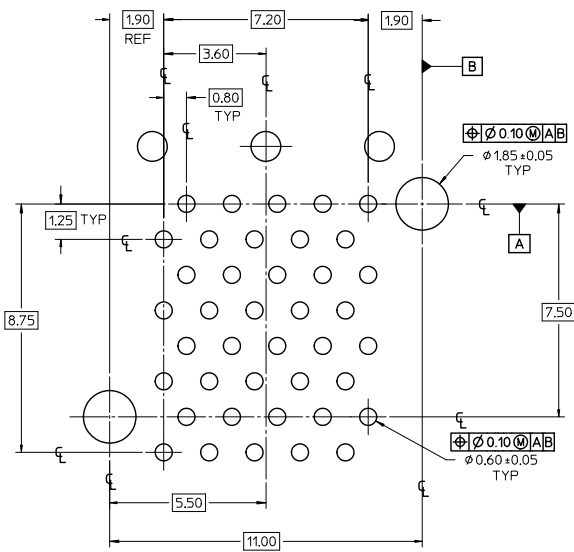
DDD = DAY OF THE YEAR

Y = YEAR A = ALPHA CHARACTER - INDICATES MANUFACTURING LINE

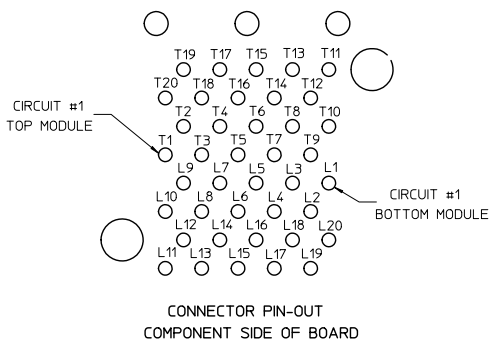
MX = MOLEX 1 = NUMERIC CHARACTER - INDICATES PRODUCTION SHIFT

757595001	MATTE TIN
757590001	MATTE TIN-LEAD
MATERIAL NO.	TERMINAL PLATING

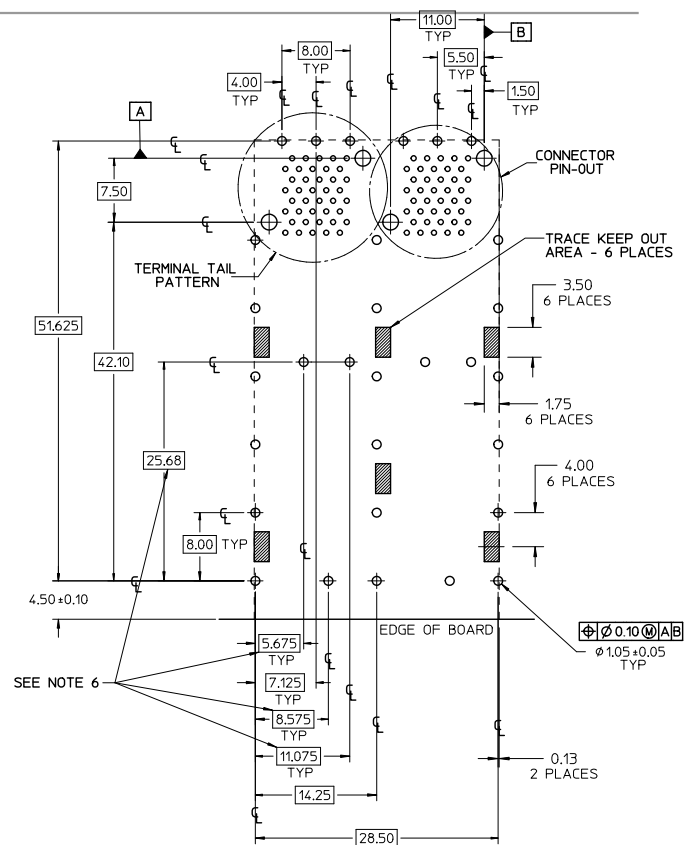
CLARIFY 51625 DIMNSN		EC NO: UGP2012-572		CHKD: DORNBARKER		2011/11/15		APPR: MILLER		2012/01/09		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
REV		DESCRIPTION		QUALITY SYMBOLS		4 PLACES		± 0.13		± 0.13		± 0.13		± 0.13		DRAWN BY JLONG		DATE 01-28-2005		TITLE STACKED SFP 2X2 MEDIUM HEIGHT ASSY, PRESS-FIT TAIL WITHOUT LIGHT PIPES MOLEX INCORPORATED		MOLEX	
						3 PLACES		± 0.13		± 0.13		± 0.13		CHECKED BY JLONG		DATE 01-28-2005							
						2 PLACES		± 0.13		± 0.13		± 0.13		APPROVED BY RNELSON		DATE 02-15-2005							
						1 PLACE		± 0.25		± 0.25		± 0.25		MATERIAL NO.		DOCUMENT NO.							
						ANGULAR		± 5 °		± 5 °		± 5 °		SEE TABLE		SD-75759-001							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 3																	



TERMINAL TAIL PATTERN
SCALE 10:1



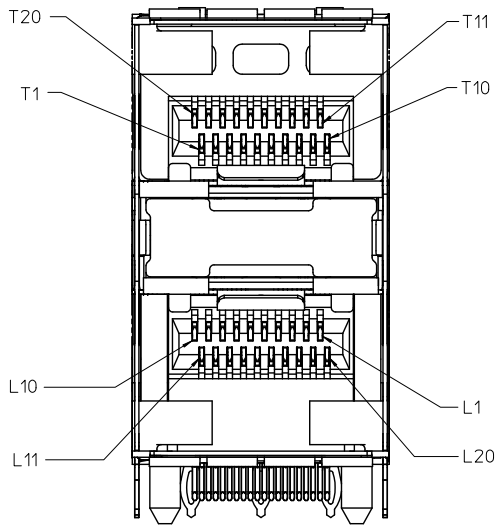
CONNECTOR PIN-OUT
COMPONENT SIDE OF BOARD



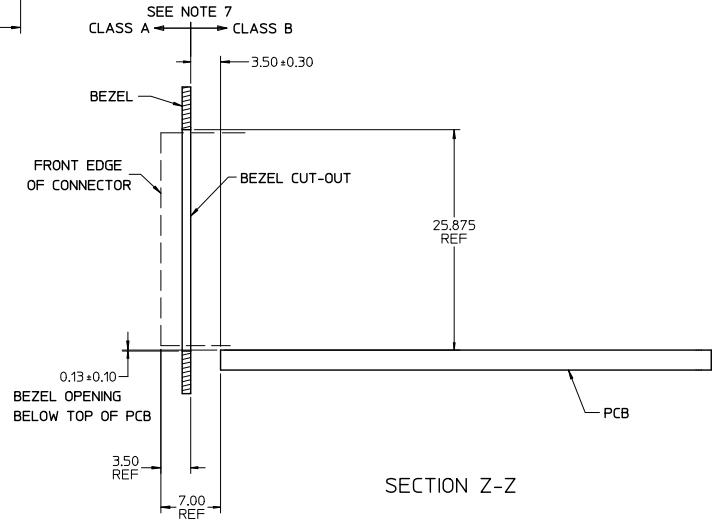
RECOMMENDED PCB LAYOUT - COMPONENT SIDE
RECOMMENDED PCB THICKNESS - 2.36 MM (.093 INCH)
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS
THIS AREA IS INDICATED BY THE DASHED LINE

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.
			mm	INCH	MM ONLY	DATE						
1	4 PLACES	±	---	---	JLONG	01-28-2005	3:1	METRIC	◎	STACKED SFP 2X2 MEDIUM HEIGHT ASS'Y, PRESS-FIT TAIL WITHOUT LIGHT PIPES	SD-75759-001	2 OF 3
2	3 PLACES	±	---	---	JLONG	01-28-2005						
3	2 PLACES	±	0.13	---	JLONG	01-28-2005						
4	1 PLACE	±	0.25	---	JLONG	01-28-2005						
5	ANGULAR	±	5°	---	JLONG	01-28-2005						
6	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				JLONG	01-28-2005						
7	SEE SHEET 1				JLONG	01-28-2005						
8	EC NO: UCP2012-1572				JLONG	01-28-2005						
9	CHKD: DRWINBARKER				JLONG	01-28-2005						
10	APPR: SMILLER				JLONG	01-28-2005						
11	2011/11/15				JLONG	01-28-2005						
12	2012/01/09				JLONG	01-28-2005						
13	2012/01/09				JLONG	01-28-2005						

BEZEL CUT-OUT CENTER SPACING DETAIL
BEZEL THICKNESS: 0.8 - 2.6



DETAIL B
SCALE 5:1
CIRCUIT NUMBERING



SEE SHEET 1 EC NO: UGP202-1572 DRAWN BY: JLONG CHECKED BY: JLONG APPROVED BY: RNELSON DATE: 01-28-2005 DATE: 01-28-2005 DATE: 02-15-2005	QUALITY SYMBOLS 0 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± 0.13 3 PLACES ± 0.13 2 PLACES ± 0.13 1 PLACE ± 0.25 ANGULAR ± 5°	DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE STACKED SFP 2X2 MEDIUM HEIGHT ASS'Y, PRESS-FIT TAIL WITHOUT LIGHT PIPES MOLEX INCORPORATED	DOCUMENT NO. SD-75759-001	SHEET NO. 3 OF 3