


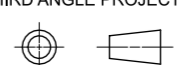
RECOMMENDED PCB LAYOUT

NOTES:

1. TERMINAL MAT'L: ALLOY C26000, CARTRIDGE BRASS
2. WAFER MAT'L: 30% GLASS FILLED LCP, 94V-0, COLOR BLACK.
3. TERMINAL PLATING:
 OPTION 4 - 1.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
 OPTION 1 - 2.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
 OPTION 2 - 1.25µm NICKEL OVERALL 2.5µm MIN SELECT MATTE TIN PC TAIL
 AREA 0.05-0.25µm SELECT GOLD CONTACT AREA
 OPTION 3 - 1.25µm NICKEL OVERALL 2.5µm MIN SELECT MATTE TIN PC TAIL
 AREA 0.75µm SELECT GOLD CONTACT AREA
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-340.
5. ALL THE POSITIONAL TOLERANCES SHOULD BE MEASURED AT TIP OF THE TERMINALS.
6. DATUMS SHOULD BE CONSIDERED FROM THE EDGES OF THE HOUSING.
7. POSITION TOLERANCE OF PIN AT MATING SIDE SHOULD BE MAINTAINED AT 0.3MM IN THE FINAL MODULE BY CUSTOMER.
8. [G] DENOTES DIMENSIONS THAT CAN BE QUALIFIED WITH A GAUGE
9. BLADE GEOMETRY DOES NOT CONFORM TO USCAR SPECIFICATIONS
10. PLEASE REFER USCAR WEBSITE FOR 1.5mm DIRECT CONNECT INTERFACE (SHROUD) DETAILS
11. PLEASE REFER SD-33472-0001 FOR 2 X 10 SHROUD DETAILS.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#515181.							
mm	4:1	<div style="text-align: center;">molex</div> <p>MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY</p> <p>PRODUCT CUSTOMER DRAWING</p>							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± 0.5°								
4 PLACES	±								
3 PLACES	±								
2 PLACES	± 0.130								
1 PLACE	± 0.25	STATUS: Production	2024-07-19	2024-08-14	2024-08-14	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
0 PLACES	±	DRWN: Ravindra Reddy MS	2024-07-19	2024-08-14	2024-08-14	SD-75757-002	PSD	001	G6
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			
		A2-SIZE	75757	SEE TABLE	GENERAL MARKET	1 OF 2			

2 x 2	1	75757-5121	3.05	16.09	75757-1121	3.05	11.20	7.0	3.50 REF	
	2	-----			75757-1221					-----
	4	75757-5421			-----					-----
2 x 3	1	75757-5131			75757-1131			10.5	7.00	
	4	75757-5431			75757-1431					
2 x 4	1	75757-5141			-----			14.0	10.50	
	2	75757-5241			75757-1241					
	4	75757-5441			75757-1441					
2 x 6	1	-----			75757-1161			21.0	17.50	
	2	75757-5261			75757-1261					
	3	75757-5361			-----					
	4	75757-5461			75757-1461					
2 x 8	1	-----	75757-1181	28.0	24.50					
	3	75757-5381	-----							
	4	75757-5481	75757-1481							
2 x 10	1	75757-5101	75757-1101	35.0	31.50					
	2	75757-5201	-----							
	3	75757-5301	-----							
	4	75757-5401	75757-1401							
CKT SIZE	PLATING OPTION	MATERIAL NUMBER	"C" DIM	"F" DIM	MATERIAL NUMBER	"C" DIM	"F" DIM	"A" DIM	"B" DIM	

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#515181.									
mm	1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)					MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY						
ANGULAR TOL ± 0.5°											
4 PLACES ±					PRODUCT CUSTOMER DRAWING						
3 PLACES ±											
2 PLACES ± 0.130					STATUS: Production DRWN: Ravindra Reddy MS 2024-07-19 CHK'D: Ganesh Rao B 2024-08-14 APPR: Gurunandan GA 2024-08-14						
1 PLACE ± 0.25											
0 PLACES ±					DOCUMENT NUMBER: SD-75757-002 DOC TYPE: PSD DOC PART: 001 REVISION: G6						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
THIRD ANGLE PROJECTION		DRAWING			SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
		A2-SIZE			75757		SEE TABLE		GENERAL MARKET		2 OF 2