



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.

SYMBOLS	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: 11 PN's: 757571102,1182,1231,1321,1331,1421,1432, 1442, 5181,5221,5341 ARE OBSOLETE							
mm	4:1	GENERAL TOLERANCES (UNLESS SPECIFIED)							MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY	
ANGULAR TOL	± 0.5°	EC NO: 633184							PRODUCT CUSTOMER DRAWING	
4 PLACES	±	DRWN: RYELAVATTITH 2020/02/26							DOCUMENT NUMBER	
3 PLACES	±	CHK'D: RYELAVATTITH 2020/03/02							SD-75757-002	
2 PLACES	± 0.13	APPR: SNAYAK01 2020/03/02							DOC TYPE	
1 PLACE	± 0.25	INITIAL REVISION:							PSD	
0 PLACES	±	DRWN: TMCLELL 2005/03/10							DOC PART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	REVISION		SHEET NUMBER		
		A2-SIZE	75757	SEE TABLE	GENERAL MARKET	001		G4		
						1 OF 2				

2 x 2	1	75757-5121		3.05	16.09	75757-1121		3.05	11.20	75757-1122	OBSOLETE	4.75	11.20	7.0	3.50 REF
	2	75757-5221	OBSOLETE			75757-1221				75757-1222	OBSOLETE				
	3	75757-5321	OBSOLETE			75757-1321	OBSOLETE			75757-1322	OBSOLETE				
	4	75757-5421				75757-1421	OBSOLETE			75757-1422	OBSOLETE				
2 x 3	1	75757-5131		3.05	16.09	75757-1131		3.05	11.20	75757-1132	OBSOLETE	4.75	11.20	10.5	7.00
	2	75757-5231	OBSOLETE			75757-1231	OBSOLETE			75757-1232	OBSOLETE				
	3	75757-5331	OBSOLETE			75757-1331	OBSOLETE			75757-1332	OBSOLETE				
	4	75757-5431				75757-1431				75757-1432	OBSOLETE				
2 x 4	1	75757-5141		3.05	16.09	75757-1141	OBSOLETE	3.05	11.20	75757-1142	OBSOLETE	4.75	11.20	14.0	10.50
	2	75757-5241				75757-1241				75757-1242	OBSOLETE				
	3	75757-5341	OBSOLETE			75757-1341	OBSOLETE			75757-1342	OBSOLETE				
	4	75757-5441				75757-1441				75757-1442	OBSOLETE				
2 x 6	1	75757-5161		3.05	16.09	75757-1161		3.05	11.20	75757-1162	OBSOLETE	4.75	11.20	21.0	17.50
	2	75757-5261				75757-1261				75757-1262	OBSOLETE				
	3	75757-5361				75757-1361	OBSOLETE			75757-1362	OBSOLETE				
	4	75757-5461				75757-1461				75757-1462	OBSOLETE				
2 x 8	1	75757-5181	OBSOLETE	3.05	16.09	75757-1181		3.05	11.20	75757-1182	OBSOLETE	4.75	11.20	28.0	24.50
	2	75757-5281	OBSOLETE			75757-1281	OBSOLETE			75757-1282	OBSOLETE				
	3	75757-5381				75757-1381	OBSOLETE			75757-1382	OBSOLETE				
	4	75757-5481				75757-1481				75757-1482	OBSOLETE				
2 x 10	1	75757-5101		3.05	16.09	75757-1101		3.05	11.20	75757-1102	OBSOLETE	4.75	11.20	35.0	31.50
	2	75757-5201				75757-1201	OBSOLETE			75757-1202	OBSOLETE				
	3	75757-5301				75757-1301	OBSOLETE			75757-1302	OBSOLETE				
	4	75757-5401				75757-1401				75757-1402	OBSOLETE				
CKT SIZE	PLATING OPTION	MATERIAL NUMBER	STATUS	"C" DIM	"F" DIM	MATERIAL NUMBER	STATUS	"C" DIM	"F" DIM	MATERIAL NUMBER	STATUS	"C" DIM	"F" DIM	"A" DIM	"B" DIM

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∇ = 0		mm	NTS	<b>molex</b>  MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY  PRODUCT CUSTOMER DRAWING																							
∇ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)																									
∇ = 0		ANGULAR TOL ± 0.5°																									
∇ = 0		4 PLACES ±																									
∇ = 0		3 PLACES ±		EC NO: 633184 DRWN: RYELAVATTITH 2020/02/26 CHK'D: RYELAVATTITH 2020/03/02 APPR: SNAYAK01 2020/03/02																							
∇ = 0		2 PLACES ± 0.13		INITIAL REVISION: DRWN: TMCLELL 2005/03/10 APPR: MBANAKIS 2005/03/15																							
∇ = 0		1 PLACE ± 0.25		DOCUMENT NUMBER				DOC TYPE				DOC PART				REVISION											
∇ = 0		0 PLACES ±		SD-75757-002				PSD				001				G4											
∇ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING				SERIES				MATERIAL NUMBER				CUSTOMER				SHEET NUMBER			
∇ = 0				A2-SIZE				75757				SEE TABLE				GENERAL MARKET				2 OF 2							