



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								
4 PLACES	±	DRWN: RYELAVATTITH 2020/02/26							DOCUMENT NUMBER <b>SD-75757-002</b>	
3 PLACES	±	CHK'D: RYELAVATTITH 2020/03/02								
2 PLACES	± 0.13	APPR: SNAYAK01 2020/03/02							DOC PART <b>001</b>	
1 PLACE	± 0.25	INITIAL REVISION:								
0 PLACES	±	DRWN: TMCLELL 2005/03/10							MATERIAL NUMBER SEE TABLE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	CUSTOMER			SHEET NUMBER <b>1 OF 2</b>			
		A2-SIZE	75757	GENERAL MARKET						

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				75757-1131				75757-1132	OBSOLETE			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				75757-1141	OBSOLETE			75757-1142	OBSOLETE			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				75757-1161				75757-1162	OBSOLETE			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			75757-1181				75757-1182	OBSOLETE			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		75757-1101		75757-1102	OBSOLETE	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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SYMBOLS		DIMENSION UNITS	SCALE	CURRENT REV DESC: 11 PN's: 757571102,1182,1231,1321,1331,1421,1432, 1442, 5181,5221,5341 ARE OBSOLETE											
	= 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: <b>SD-75757-002</b> DOC TYPE: PSD    DOC PART: 001    REVISION: <b>G4</b>											
	= 0	0 PLACES ±		MATERIAL NUMBER: SEE TABLE    CUSTOMER: GENERAL MARKET    SHEET NUMBER: 2 OF 2											
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES							
	= 0					A2-SIZE		75757							