



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									
SYMBOLS		DIMENSION UNITS	SCALE	CURRENT REV DESC:					
∇ = 0	∇ = 0	mm	4:1	<b>molex</b> MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY PRODUCT CUSTOMER DRAWING EC NO: 624897 DRWN: RYELAVATTITH 2019/09/26 CHK'D: AKUMARMS 2019/10/01 APPR: SNAYAK01 2019/10/04 INITIAL REVISION: DRWN: DROSCA 2007/06/28 APPR: JCOMERCI 2007/07/23					
∇ = 0	∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							
∇ = 0	∇ = 0	ANGULAR TOL ± 0.5°							
∇ = 0	∇ = 0	4 PLACES ±							
∇ = 0	∇ = 0	3 PLACES ±							
∇ = 0	∇ = 0	2 PLACES ± 0.13		DOCUMENT NUMBER					
∇ = 0	∇ = 0	1 PLACE ± 0.25		SD-75757-003					
∇ = 0	∇ = 0	0 PLACES ±		DOC TYPE		DOC PART		REVISION	
∇ = 0	∇ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PSD		001		A2	
∇ = 0	∇ = 0	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
∇ = 0	∇ = 0	∅	A2-SIZE	75757	SEE TABLE		GENERAL MARKET		1 OF 2

2 x 2	1	75757-6121	OBSOLETE	7.0	3.50 REF
	2	75757-6221	OBSOLETE		
	3	75757-6321	OBSOLETE		
	4	75757-6421			
2 x 3	1	75757-6131		10.5	7.00
	2	75757-6231	OBSOLETE		
	3	75757-6331	OBSOLETE		
	4	75757-6431			
2 x 4	1	75757-6141		14.0	10.50
	2	75757-6241	OBSOLETE		
	3	75757-6341	OBSOLETE		
	4	75757-6441			
2 x 6	1	75757-6161		21.0	17.50
	2	75757-6261	OBSOLETE		
	3	75757-6361	OBSOLETE		
	4	75757-6461	OBSOLETE		
2 x 8	1	75757-6181	OBSOLETE	28.0	24.50
	2	75757-6281	OBSOLETE		
	3	75757-6381	OBSOLETE		
	4	75757-6481	OBSOLETE		
2 x 10	1	75757-6101	OBSOLETE	35.0	31.50
	2	75757-6201	OBSOLETE		
	3	75757-6301	OBSOLETE		
	4	75757-6401	OBSOLETE		
CKT SIZE	PLATING OPTION	MATERIAL NUMBER	STATUS	"A" DIM	"B" DIM

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SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:				molex			
= 0	mm	NTS	EC NO: 624897 DRWN: RYELAVATTITH 2019/09/26 CHK'D: AKUMARMS 2019/10/01 APPR: SNAYAK01 2019/10/04				<b>MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY</b>			
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									PRODUCT CUSTOMER DRAWING
= 0	ANGULAR TOL ± 0.5°						INITIAL REVISION:			DOCUMENT NUMBER
= 0	4 PLACES ±		DRWN: DROSCA 2007/06/28				SD-75757-003	PSD	001	A2
= 0	3 PLACES ±		APPR: JCOMERCI 2007/07/23							
= 0	2 PLACES ± 0.13		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
= 0	1 PLACE ± 0.25		THIRD ANGLE PROJECTION		DRAWING	SERIES	SEE TABLE	GENERAL MARKET	2 OF 2	
= 0	0 PLACES ±				A2-SIZE	75757				
= 0										