



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 - 1.5 μ m MIN MATTE TIN OVERALL OVER 1.25 μ m NICKEL OVERALL
 OPTION 1 - 2.5 μ m MIN MATTE TIN OVERALL OVER 1.25 μ m NICKEL OVERALL
 OPTION 2 - 1.25 μ m NICKEL OVERALL 2.5 μ m MIN SELECT MATTE TIN PC TAIL
 AREA 0.05-0.25 μ m SELECT GOLD CONTACT AREA
 OPTION 3 - 1.25 μ m NICKEL OVERALL 2.5 μ m MIN SELECT MATTE TIN PC TAIL
 AREA 0.75 μ m 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:						
	mm	4:1							
∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 624897						
∇ = 0	ANGULAR TOL ± 0.5°		4 PLACES ±		DRWN: RYELAVATTITH 2019/09/26				
∇ = 0	4 PLACES ±		3 PLACES ±		CHK'D: AKUMARMS 2019/10/01				
∇ = 0	2 PLACES ± 0.13		2 PLACES ±		APPR: SNAYAK01 2019/10/04				
∇ = 0	1 PLACE ± 0.25		1 PLACE ±		INITIAL REVISION:				
∇ = 0	0 PLACES ±		0 PLACES ±		DRWN: DROSCA 2007/06/28				
∇ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER
			A2-SIZE		75757		SD-75757-003		DOC TYPE DOC PART REVISION
			SEE TABLE		GENERAL MARKET		1 OF 2		PSD 001 A2

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				MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY			
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									
= 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								
= 0	1 PLACE ±	0.25								
= 0	0 PLACES ±									
= 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		

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/04	12:14:05
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