



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:	
mm	4:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 604928	
ANGULAR TOL ± 0.5°		DRWN: RYELAVATTITH 2018/08/16	
4 PLACES ±		CHK'D: MYOUNG01 2018/09/26	
3 PLACES ±		APPR: RBAUMAN 2018/09/27	
2 PLACES ± 0.13		INITIAL REVISION:	
1 PLACE ± 0.25		DRWN: DROSCA 2007/06/28	
0 PLACES ±		APPR: JCOMERCI 2007/07/23	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
		SERIES	MATERIAL NUMBER
		A2-SIZE	75757
		CUSTOMER	SEE TABLE
		GENERAL MARKET	
		SHEET NUMBER	1 OF 2

**molex**

MX150 DUAL ROW  
UNSHROUDED VERTICAL HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75757-003	PSD	001	A1

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

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SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:				DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION		
= 0	mm	NTS	EC NO: 604928 DRWN: RYELAVATTITH 2018/08/16 CHK'D: MYOUNG01 2018/09/26 APPR: RBAUMAN 2018/09/27 INITIAL REVISION: DRWN: DROSCA 2007/06/28 APPR: JCOMERCI 2007/07/23				<b>molex</b>  MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY			PSD	001	A1		
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)												PRODUCT CUSTOMER DRAWING	
= 0	ANGULAR TOL ± 0.5°						DOCUMENT NUMBER			SD-75757-003				
= 0	4 PLACES ±						MATERIAL NUMBER			SEE TABLE				
= 0	3 PLACES ±						CUSTOMER			GENERAL MARKET				
= 0	2 PLACES ± 0.13						SHEET NUMBER			2 OF 2				
= 0	1 PLACE ± 0.25													
= 0	0 PLACES ±													
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						THIRD ANGLE PROJECTION		DRAWING	SERIES				
= 0									A2-SIZE	75757				