

Excellent Integrated System Limited

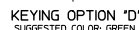
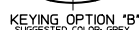
Stocking Distributor

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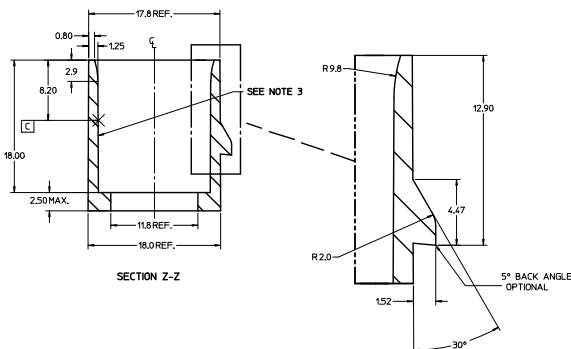
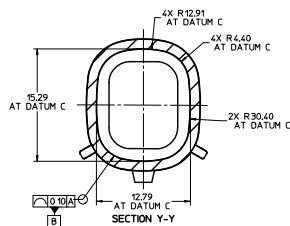
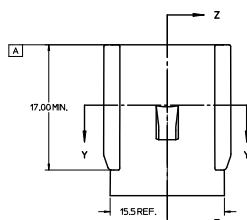
[Molex Connector Corporation](#)
[0757575221](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

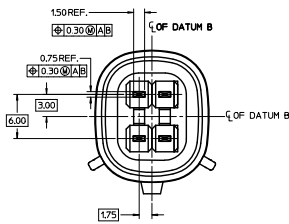


Technical drawing of a 4X R2.9 part. The main view shows a rectangular part with rounded corners (R2.9) and four mounting holes. Dimensions include a width of 9.3, a height of 11.8, a hole diameter of 3.01, and a hole spacing of 2.30. A detail view shows a cross-section of the mounting hole with dimensions: 1.98^{+0.10}/_{-0.20}, 1.05^{+0.05}/_{-0.15}, and a reference to 1.19 REF AT OR BASE.

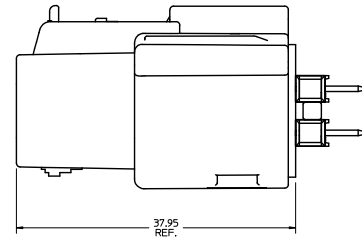


1. REFER TO MOLEX SALES DRAWING SD-75757-002 FOR THE HEADER ASSEMBLY PRODUCT DETAILS AND RECOMMENDED PCB LAYOUT.
2. KEYING OPTIONS A-D AND SUGGESTED COLORS COMPLY TO THE POLARIZATION STANDARDS ESTABLISHED FOR MATING WITH A MX150 FEMALE CONNECTOR.
3. INTERIOR SHROUD SURFACE MUST BE FREE OF DEFECTS AND PARTING LINES ALL AROUND TO ENSURE PROPER SEALING OF THE MATING MX150 FEMALE CONNECTOR.
4. A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THE HEADER SHROUD POLARIZATION FEATURES (OPTIONS A-D) WILL FUNCTION PROPERLY, THE FULL SHROUD ALSO PREVENTS SCOUR DAMAGE TO THE HEADER CONTACTS.
5. PERMISSIBLE DRAFT ANGLE 0.25 DEGREE.
6. RADI ON ALL CORNERS AND EDGES SHARP ON ALL UNSPECIFIED RADI 0.25 EXCEPT AS NOTED.
7. DIMENSIONS SHOWN ABOUT A CENTERLINE ARE SYMMETRICAL ABOUT THAT CENTERLINE.
8. WITHIN HAU F. THE SPECIFIED TOL. FRANCE.

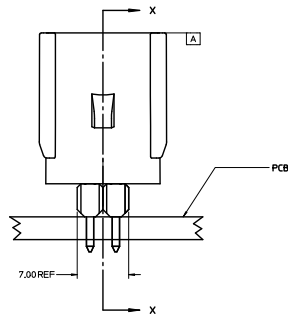
DESIGNED BY JACQUES V. VANDERKAM 20110810 CHECKED BY JACQUES V. VANDERKAM 20110810 APPROVED BY JACQUES V. VANDERKAM 20110810	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± .mm 3 PLACES ± .mm 2 PLACES ± .mm 1 PLACE ± .02 ANGULAR ± 1/2°	DRAWN BY J. DANTELEJO DATE 05/08/2006 CHECKED BY J. DANTELEJO DATE 05/08/2006 APPROVED BY J. DANTELEJO DATE 05/08/2006	SCALE 4:1	TITLE APPLICATION SPEC 2X2 M15X150 HEADER SHROUD DETAILS
DRAFT WHERE APPLICABLE DIMENSIONS WITHIN DIMENSIONS					



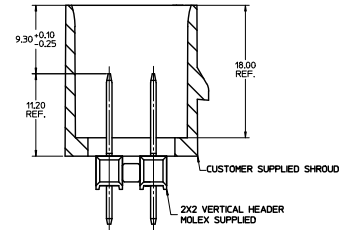
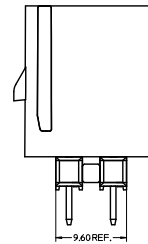
NOTES:
1. ADHERENCE TO THE HEADER APPLICATION DETAILS IS IMPERATIVE TO ENSURE PROPER SHROUD SEALING AND CONTACT ALIGNMENT WHEN MATED WITH A MX150 FEMALE CONNECTOR.



CONNECTOR ASSEMBLY

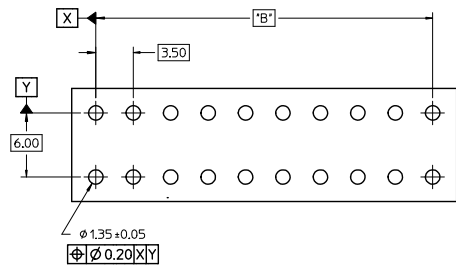
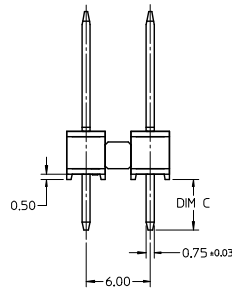
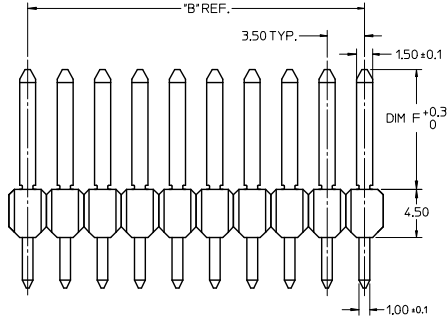
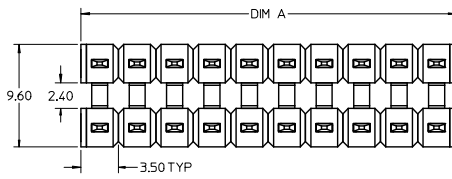


HEADER APPLICATION DETAILS



SECTION X-X

SEE SHIT 1 EC NO. UEP201-2680 D. DRW. BROS. CA 2011/03/04 CHKD. APPR. J. OMBEL 2011/03/07 REV. 1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ±.005 3 PLACES ±.004 2 PLACES ±.003 1 PLACE ±.002 ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY	DRAWN BY J. JANIELEZIO 05/08/2006 CHECKED BY T. MCLELL 05/08/2006 APPROVED BY BANAKI S 05/08/2006 MATERIAL NO. 75757-2020 DOCUMENT NO. AS-75757-202	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	APPLICATION SPEC 2X2 MX150 HEADER SHROUD DETAILS MOLEX INCORPORATED SHEET NO. 2 OF 2



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 - 15µm 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.

PK SPEC UPDATED EC NO: 02016-0115 TIDRMBR02 CHKD: APPR: APRASLD REV	2016/05/16	2016/06/03	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm INCH	DRAWN BY DATE	TITLE		
				4 PLACES ± ±	TMCCLLEL 1/18/05			
				3 PLACES ± ±	CHECKED BY DATE			
				2 PLACES ± 0.13 ±	TMCCLLEL 1/18/05			
				1 PLACE ± 0.25 ±	APPROVED BY DATE			
				0 PLACE ± ±	BANAKIS 1/18/05			
				ANGULAR ± 1/2°	MATERIAL NO.	DOCUMENT NO.		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	SD-75757-002		SHEET NO. 1 OF 2
					SIZE A2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

													13	12	11		10	9		8	7	6		5	4	3	2	1
J	2 x 2	1	75757-6121	3.05	27.77	75757-5121	3.05	16.09	75757-1121	3.05	11.20	75757-1122	4.75	11.20	7.0	3.50 REF												
		2	75757-6221			75757-5221			75757-1221			75757-1222																
		3	75757-6321			75757-5321			75757-1321			75757-1322																
		4	75757-6421			75757-5421			75757-1421			75757-1422																
I	2 x 3	1	75757-6131			75757-5131			75757-1131			75757-1132																
		2	75757-6231			75757-5231			75757-1231			75757-1232																
		3	75757-6331			75757-5331			75757-1331			75757-1332																
		4	75757-6431			75757-5431			75757-1431			75757-1432																
H	2 x 4	1	75757-6141			75757-5141			75757-1141			75757-1142																
		2	75757-6241			75757-5241			75757-1241			75757-1242																
		3	75757-6341			75757-5341			75757-1341			75757-1342																
		4	75757-6441			75757-5441			75757-1441			75757-1442																
H	2 x 6	1	75757-6161			75757-5161			75757-1161			75757-1162																
		2	75757-6261			75757-5261			75757-1261			75757-1262																
		3	75757-6361			75757-5361			75757-1361			75757-1362																
		4	75757-6461			75757-5461			75757-1461			75757-1462																
G	2 x 8	1	75757-6181	75757-5181	75757-1181	75757-1182																						
		2	75757-6281	75757-5281	75757-1281	75757-1282																						
		3	75757-6381	75757-5381	75757-1381	75757-1382																						
		4	75757-6481	75757-5481	75757-1481	75757-1482																						
F	2 x 10	1	75757-6101	75757-5101	75757-1101	75757-1102																						
		2	75757-6201	75757-5201	75757-1201	75757-1202																						
		3	75757-6301	75757-5301	75757-1301	75757-1302																						
		4	75757-6401	75757-5401	75757-1401	75757-1402																						
CKT SIZE		PLATING OPTION	MATERIAL NUMBER	*C* DIM	*F* DIM	MATERIAL NUMBER	*C* DIM	*F* DIM	MATERIAL NUMBER	*C* DIM	*F* DIM	*A* DIM	*B* DIM															