

Excellent Integrated System Limited

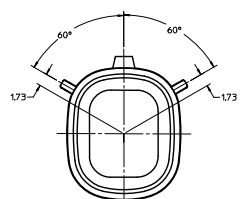
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

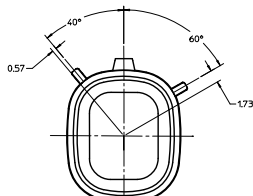
[Molex Connector Corporation](#)
[0757571122](#)

For any questions, you can email us directly:

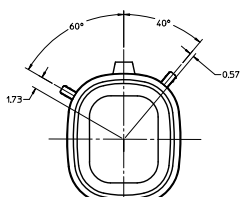
sales@integrated-circuit.com



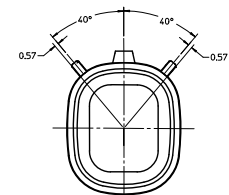
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



KEYING OPTION "B"
SUGGESTED COLOR: GREY

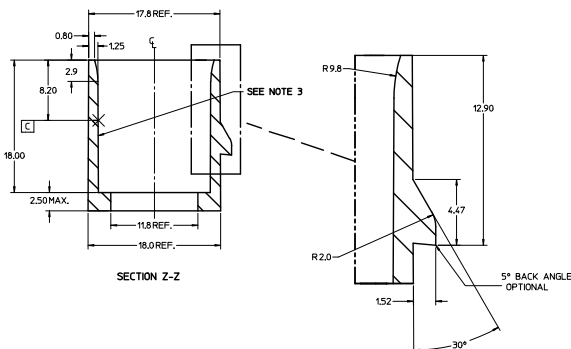
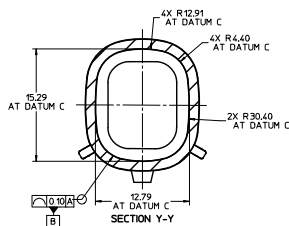
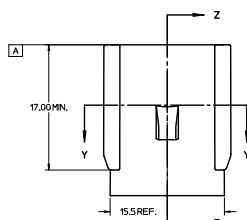
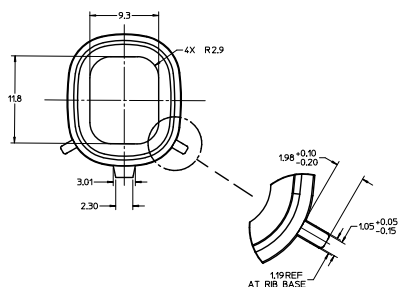


KEYING OPTION "C"
SUGGESTED COLOR: BROWN



KEYING OPTION "D"
SUGGESTED COLOR: GREEN

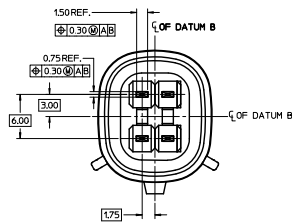
CUSTOMER SHROUD DESIGN DETAILS



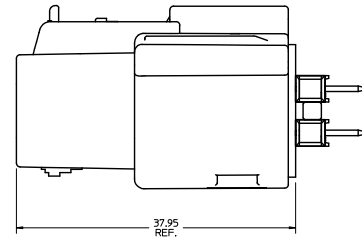
NOTES:

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 MXY50 FEMALE CONNECTOR.
3. INTERIOR SHROUD SURFACE MUST BE FREE OF DEFECTS AND PARTING LINES ALL AROUND TO ENSURE PROPER SEALING OF THE MATING MXY50 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 SCRAP DAMAGE TO THE HEADER CONTACTS.
5. DIMENSION D DRAFT ANGLE 0.25 DEGREE.
6. RADI ON ALL CORNERS MUST BE SHARP. ALL UNSPECIFIED RADI 0.25 EXCEPT AS NOTED.
7. DIMENSIONS SHOWN ABOUT A CENTERLINE ARE SYMMETRICAL ABOUT THAT CENTERLINE WITHIN HAI F THE SPECIFIED TOLERANCE.

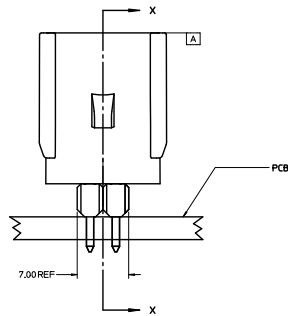
ORDERED ASBY VENDOR DATE 07/19/2020 DRAWING NO. 20181031A PROJECT NAME DRAFTER/DRAWER APPROVED BY DATE CHECKED DATE APPR'D (OWNER) DATE	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MN ONLY	SHEET 4-1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm INCH	DRAWN BY DATE JIANTELEJOLO 05/08/2006	TITLE APXICATION SPEC		
		4 PLACES .00 ---	CHECKED BY DATE TMC TEL 05/08/2006	2X2 M1X50 HEADER		
		3 PLACES .00 ---	APPROVED BY DATE	SHROUD DETAILS		
		2 PLACES .00 ---	BANK 1S 05/08/2006	MOLEX INCORPORATED		
		1 PLACE .00 ±	DATE			
		ANGULAR $\pm 1/2^\circ$				
		DRAFT WHERE APPLICABLE	SIZE 75757-2020	AS-75757-202		
		PRINT WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHALL BE KEPT SECRET AND NOT REPRODUCED OR USED WITHOUT WRITTEN PERMISSION FROM MOLEX.			
			DATE 07/19/2020	SHEET NO. 1 OF 2		



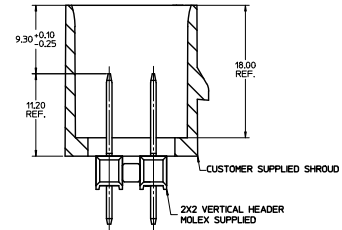
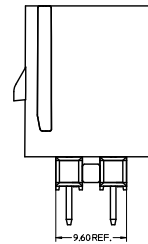
NOTES:
1. ADHERENCE TO THE HEADER APPLICATION DETAILS IS IMPERATIVE TO ENSURE PROPER SHROUD SEALING AND CONTACT ALIGNMENT WHEN MATED WITH A MX150 FEMALE CONNECTOR.



CONNECTOR ASSEMBLY

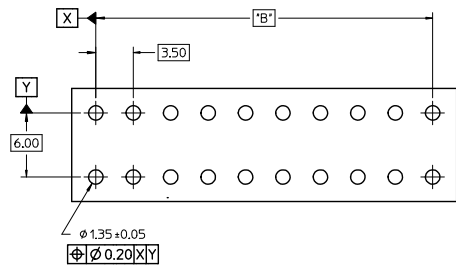
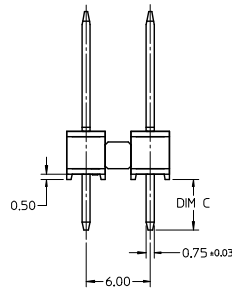
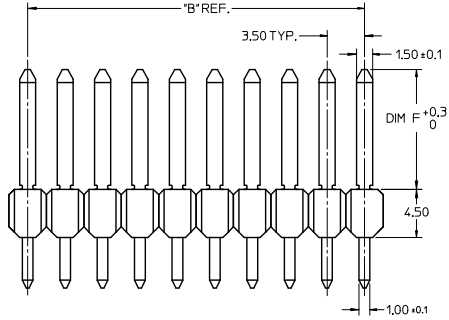
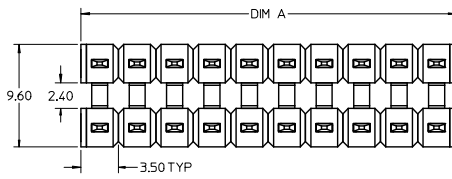


HEADER APPLICATION DETAILS



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		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 4:1		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION	
	 ▽	 ▽	4 PLACES	± 0.1	± 0.1	± 0.1	DRAWN BY	J. JANIELEZ	DATE	05/08/2006	APPLICATION SPEC 2X2 MX150 HEADER SHROUD DETAILS			
			3 PLACES	± 0.1	± 0.1	± 0.1	CHECKED BY	DATE	05/08/2006					
			2 PLACES	± 0.1	± 0.1	± 0.1	APPROVED BY	DATE	05/08/2006					
1 PLACE		± 0.2	± 0.2	± 0.2	MATERIAL NO.		75757-2020		DOCUMENT NO.		SHEET NO. 2 OF 2			
ANGULAR		± 1/2°	± 1/2°	± 1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



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 - 154 μ m MIN MATTE TIN OVERALL OVER 1254 μ m NICKEL OVERALL
OPTION 1 - 254 μ m MIN MATTE TIN OVERALL OVER 1254 μ m NICKEL OVERALL
OPTION 2 - 1254 μ m NICKEL OVERALL 254 μ m MIN SELECT MATTE TIN PC TAIL
AREA 0.05-0.254 μ m SELECT GOLD CONTACT AREA
OPTION 3 - 1254 μ m NICKEL OVERALL 254 μ m MIN SELECT MATTE TIN PC TAIL
AREA 0.754 μ m SELECT GOLD CONTACT AREA
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-340.

PK SPEC UPDATED EC NO: 02016-0115 TIDRMBR02 CHKD: APPR:KPRASLD 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 TMC/LELL	DATE 1/18/05	TITLE MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY molex		
				3 PLACES	± ---	CHECKED BY	DATE			
				2 PLACES	± 0.13	TMC/LELL	1/18/05			
				1 PLACE	± 0.25	APPROVED BY	DATE			
				0 PLACE	±	BANAKIS	1/18/05	MATERIAL NO. DOCUMENT NO. SD-75757-002		
				ANGULAR ± 1/2°						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
				SIZE A2			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SHEET NO. 1 OF 2

	13	12	11	10	9	8	7	6	5	4	3	2	1						
J	2 x 2	1 2 3 4	75757-6121 75757-6221 75757-6321 75757-6421	3.05 27.77	75757-5121 75757-5221 75757-5321 75757-5421	3.05 16.09	75757-1121 75757-1221 75757-1321 75757-1421	3.05 11.20	75757-1122 75757-1222 75757-1322 75757-1422	4.75 11.20	7.0 3.50 REF								
I	2 x 3	1 2 3 4	75757-6131 75757-6231 75757-6331 75757-6431		75757-5131 75757-5231 75757-5331 75757-5431		75757-1131 75757-1231 75757-1331 75757-1431		75757-1132 75757-1232 75757-1332 75757-1432		10.5 7.00								
	2 x 4	1 2 3 4	75757-6141 75757-6241 75757-6341 75757-6441		75757-5141 75757-5241 75757-5341 75757-5441		75757-1141 75757-1241 75757-1341 75757-1441		75757-1142 75757-1242 75757-1342 75757-1442		14.0 10.50								
H	2 x 6	1 2 3 4	75757-6161 75757-6261 75757-6361 75757-6461		75757-5161 75757-5261 75757-5361 75757-5461		75757-1161 75757-1261 75757-1361 75757-1461		75757-1162 75757-1262 75757-1362 75757-1462		21.0 17.50								
G	2 x 8	1 2 3 4	75757-6181 75757-6281 75757-6381 75757-6481		75757-5181 75757-5281 75757-5381 75757-5481		75757-1181 75757-1281 75757-1381 75757-1481		75757-1182 75757-1282 75757-1382 75757-1482		28.0 24.50								
F	2 x 10	1 2 3 4	75757-6101 75757-6201 75757-6301 75757-6401		75757-5101 75757-5201 75757-5301 75757-5401		75757-1101 75757-1201 75757-1301 75757-1401		75757-1102 75757-1202 75757-1302 75757-1402		35.0 31.50								
	CKT SIZE	PLATING OPTION	MATERIAL NUMBER		*C* DIM		*F* DIM		MATERIAL NUMBER		*C* DIM			*F* DIM	*A* DIM	*B* DIM			
E																			
D																			
C																			
B																			
A																			
SEE SHEET 1 EC NO: 2016-0115 TI DRAWING 002 CHKD: APPR: KPRASAD 2016/05/16 2016/06/03 DESCRIPTION REV QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ± ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM ONLY DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE BANAKI S1/18/05 MATERIAL NO. SEE CHART DOCUMENT NO. SD-75757-002 SHEET NO. 2 OF 2 SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY molex 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