

Excellent Integrated System Limited

Stocking Distributor

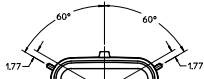
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0759001162](#)

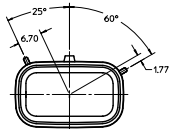
For any questions, you can email us directly:

sales@integrated-circuit.com

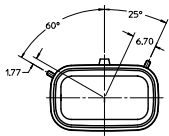
CUSTOMER SHROUD DESIGN DETAILS



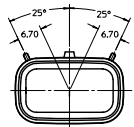
KEYING OPTION 'A'
SUGGESTED COLOR: BLACK



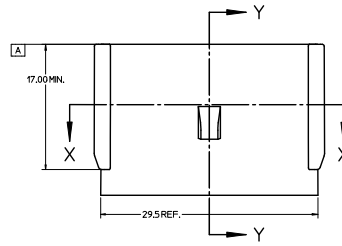
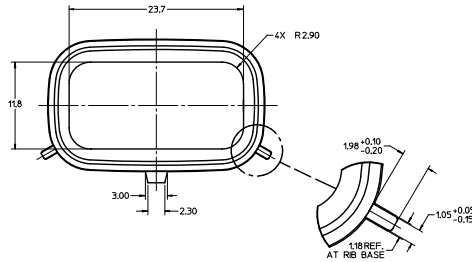
KEYING OPTION 'B'
SUGGESTED COLOR: GREY



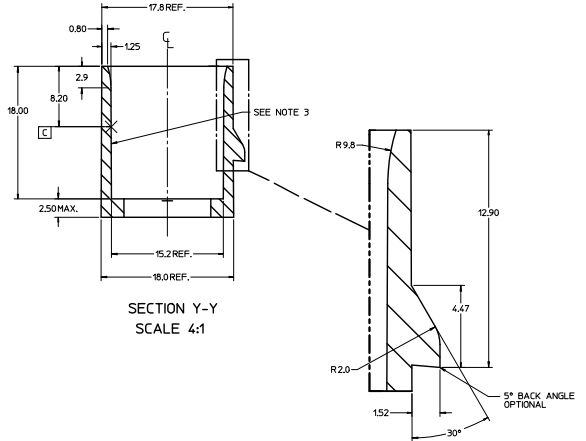
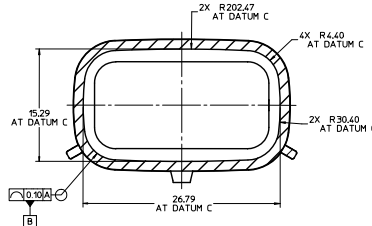
KEYING OPTION 'C'
SUGGESTED COLOR: BROWN



KEYING OPTION 'D'
SUGGESTED COLOR: GREEN



SECTION X-X
SCALE 4:1

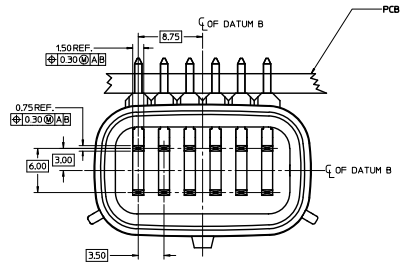


SECTION Y-Y
SCALE 4:1

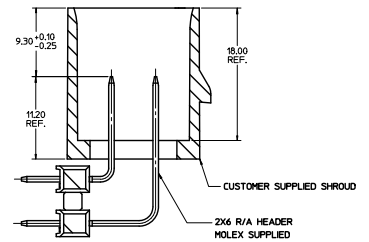
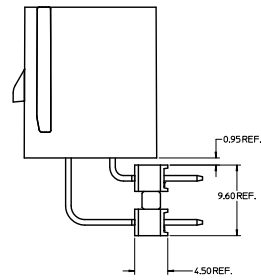
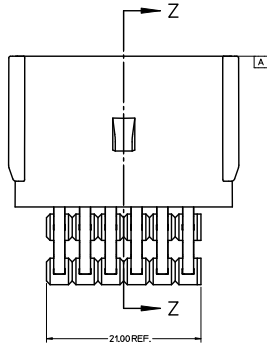
NOTES:

1. REFER TO MOLEX SALES DRAWING SD-75900-001 FOR THE R/A 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 SCOOP DAMAGE TO THE HEADER CONTACTS.
5. PERMISSIBLE DRAFT ANGLE 0.25° MAXIMUM.
6. RADI ON ALL CORNERS SHOWN SHARP OR ALL UNSPECIFIED RADI 0.25 EXCEPT AS NOTED.
7. DIMENSIONS SHOWN ABOUT A CENTERLINE ARE SYMMETRICAL ABOUT THAT CENTERLINE WITHIN HALF THE SPECIFIED TOLERANCE.

CHANGE CLASS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
CLASS	DESCRIPTION	MM	INCH	MM ONLY	DATE	2:1	METRIC				
1	4 PLACES	±0.10	±0.004	1	04/03/07						
2	3 PLACES	±0.15	±0.006	2	04/03/07						
3	2 PLACES	±0.20	±0.008	3	04/03/07						
4	1 PLACE	±0.25	±0.010	4	04/03/07						
5	ANGULAR	±1/2°									
6	DRAFT WHERE APPLICABLE										
7	MUST REMAIN WITHIN DIMENSIONS										
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											



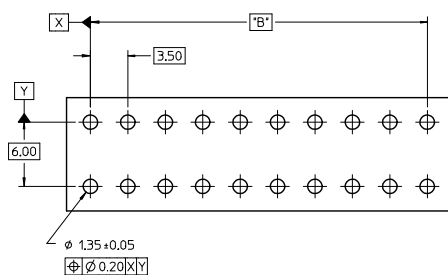
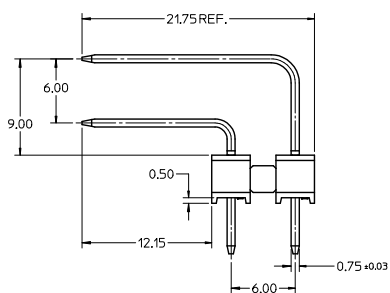
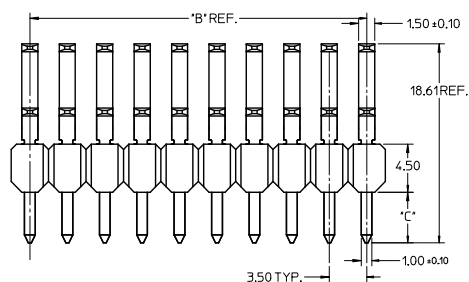
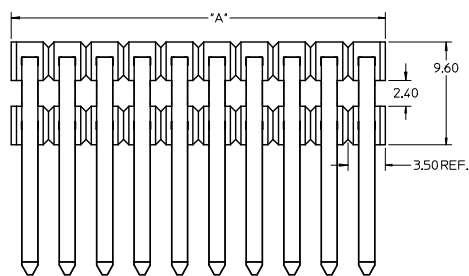
NOTES:
1. ADHERENCE TO THE HEADER APPLICATION DETAILS IS IMPERATIVE TO ENSURE PROPER SHROUD SEALING AND CONTACT ALIGNMENT WHEN MATED WITH A MX150 FEMALE CONNECTOR.



SECTION Z-Z

HEADER APPLICATION DETAILS

SEE SHEET 1 EC NO. UEP202-0866 B DRAWING NO. 2011/09/16 CHKD: CHKO APPR: LOHREL REV: 2011/09/16	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		4 PLACES ± 0.10 ± 0.004			DRAWN BY TMCLELL	DATE 04/03/07	TITLE APPLICATION SPEC 2X6 MX150 R/A HEADER SHROUD DETAILS		
		3 PLACES ± 0.10 ± 0.004			CHECKED BY TMCLELL	DATE 04/03/07			
		2 PLACES ± 0.10 ± 0.004			APPROVED BY	DATE	MATERIAL NO. 75900-2060 DOCUMENT NO. AS-75900-206		
		1 PLACE ± 0.2 ± 0.008			SANK	DATE 04/03/07			
		ANGLE ± 1/2°			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									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 - 154µm MIN MATTE TIN OVERALL OVER 1254µm NICKEL OVERALL
- OPTION 1 - 254µm MIN MATTE TIN OVERALL OVER 1254µm NICKEL OVERALL
- OPTION 2 - 1254µm NICKEL OVERALL 2.54µm MIN SELECT MATTE TIN PC TAIL
- AREA 0.05-0.254µm SELECT GOLD CONTACT AREA
- OPTION 3 - 1254µm NICKEL OVERALL 2.54µm MIN SELECT MATTE TIN PC TAIL
- AREA 0.754µm SELECT GOLD CONTACT AREA
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-351.

2 x 2	1	75900-1121	7.0	3.50 REF	3.05	75900-1122	7.0	3.50 REF	4.75
	2	75900-1221				75900-1222			
	3	75900-1321				75900-1322			
	4	75900-1421				75900-1422			
2 x 3	1	75900-1131	10.5	7.00		75900-1132	10.5	7.00	
	2	75900-1231				75900-1232			
	3	75900-1331				75900-1332			
	4	75900-1431				75900-1432			
2 x 4	1	75900-1141	14.0	10.50		75900-1142	14.0	10.50	
	2	75900-1241				75900-1242			
	3	75900-1341				75900-1342			
	4	75900-1441				75900-1442			
2 x 5	1	75900-1151	17.5	14.00		75900-1152	17.5	14.00	
	2	75900-1251				75900-1252			
	3	75900-1351				75900-1352			
	4	75900-1451				75900-1452			
2 x 6	1	75900-1161	21.0	17.50	75900-1162	21.0	17.50		
	2	75900-1261			75900-1262				
	3	75900-1361			75900-1362				
	4	75900-1461			75900-1462				
2 x 8	1	75900-1181	28.0	24.50	75900-1182	28.0	24.50		
	2	75900-1281			75900-1282				
	3	75900-1381			75900-1382				
	4	75900-1481			75900-1482				
2 x 10	1	75900-1101	35.0	31.50	75900-1102	35.0	31.50		
	2	75900-1201			75900-1202				
	3	75900-1301			75900-1302				
	4	75900-1401			75900-1402				
CKT SIZE	PLATING OPTION	MATERIAL NUMBER	"A" DIM	"B" DIM	"C" DIM	MATERIAL NUMBER	"A" DIM	"B" DIM	"C" DIM

P/N SPEC UPDATED REC NO: 12706-0715 DATE: 06/02/2016 CHKD: J. KRAUS APPR: J. KRAUS DATE: 06/03/2016	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	DESCRIPTION	TITM INCH	DRAWN BY DATE	TITLE		
		4 PLACES $\pm$.0005	TMC/LELL 1/25/06	MX150 RIGHT ANGLE		
		3 PLACES $\pm$.001	CHECKED BY DATE	DUAL ROW UNSHROUDED		
		2 PLACES $\pm$.013	TMC/LELL 1/25/06	HEADER ASSEMBLY		
1 PLACE $\pm$.025	APPROVED BY DATE	molex				
0 PLACE $\pm$.050	BANAKI S 1/25/06					
REV	ANGULAR $\pm 1/2^\circ$	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
	DRAFT WHERE APPLICABLE	SEE CHART	SD-75900-001			1 OF 1
	MUST BE WITHIN DIMENSIONS	SIZE: A2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			