

Excellent Integrated System Limited

Stocking Distributor

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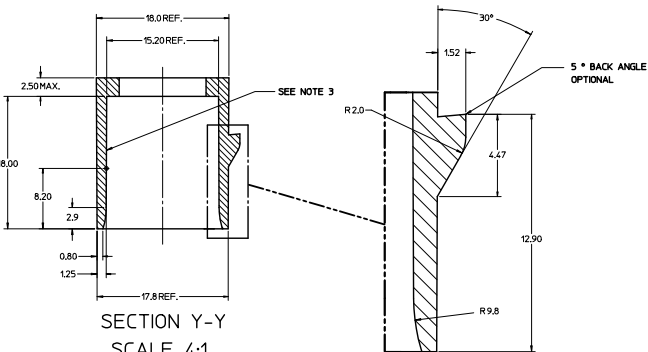
[Molex Connector Corporation](#)
[0759001131](#)

For any questions, you can email us directly:

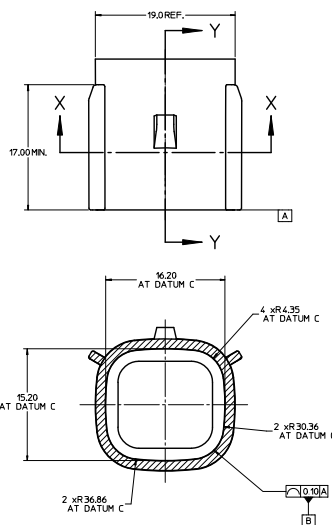
sales@integrated-circuit.com

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 COILS COMPLY TO THE POLARIZATION STANDARDS ESTABLISHED FOR MATING WITH A MATEX FEMALE CONNECTOR.
3. INTERIOR SURROUND SURFACE IS FREE OF DEFECTS AND PARTING LINES ALL MATING TO ENSURE PROPER SEALING OF THE MATING MXS0 FEMALE CONNECTOR.
4. A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THE HEADER SURROUND IS PROTECTED FROM EXCESSIVE HEAT AND FLUX DURING A-SIDE MOUNTING. THE FULL SHROUD ALSO PREVENTS SCOUR DAMAGE TO THE HEADER CONNECTOR.
5. PERMISSIBLE DRAFT ANGLE 0.25/0.014/0.015 MAXIMUM.
6. RADI ON ALL CORNERS SHOWN SHARP OR UNLESS SPECIFIED RADI 0.25 EXCEPT AS NOTED.
7. DIMENSIONS SHOWN ABOVE ARE ALL SYMMETRICAL ABOUT THAT CENTERLINE WITHIN HALF THE SPECIFIED TOLERANCE.

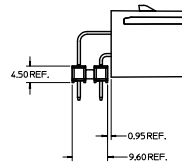
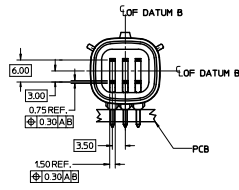
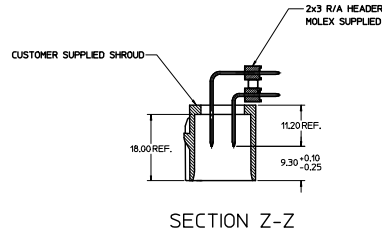
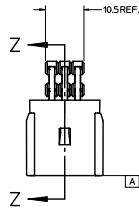


SECTION Y-Y
SCALE 4:1



SECTION X-X
SCALE 4:1

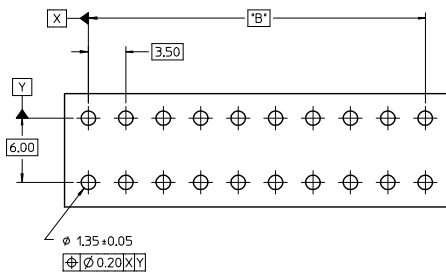
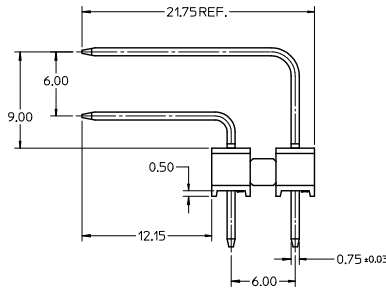
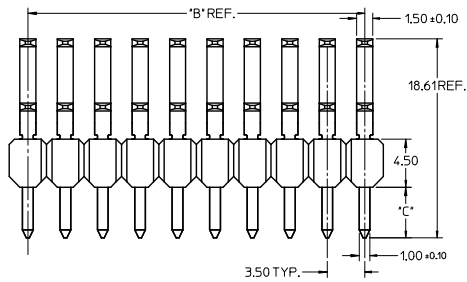
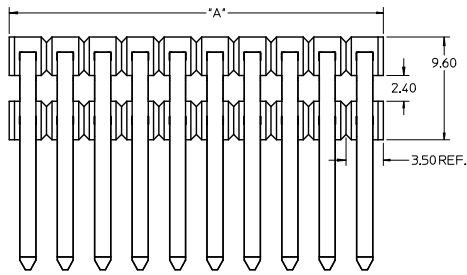
[illegible]



HEADER APPLICATION DETAILS

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.

ENTER DESCRIPTION EC NO. UEP202-0866 B DRAWS/DROSLA 2011/09/16 CHKD: APPRD./JOMERCI 2011/09/16 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY DROSLA	DATE 04/26/07	TITLE APPLICATION SPEC	
		4 PLACES	± 0.10			CHECKED BY JCOMERC I	DATE 04/26/07	2X3 MX150 R/A HEADER SHROUD DETAILS	
		3 PLACES	± 0.10			APPROVED BY JCOMERC I	DATE 04/26/07	MOLEX INCORPORATED	
		2 PLACES	± 0.10						
		1 PLACE	± 0.2						
		ANGULAR AREA							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		REMA		MATERIAL NO. 75900-2030		DOCUMENT NO. AS-75900-203		SHEET NO. 2 OF 2	
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 - 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-36518-351.

PKT SIZE	PLATING OPTION	MATERIAL NUMBER	'A' DIM	'B' DIM	'C' DIM	MATERIAL NUMBER	'A' DIM	'B' DIM	'C' DIM
2 x 2	1	75900-1121	7.0	3.50	REF	75900-1122	7.0	3.50	REF
	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	3.05	75900-1152	17.5	14.00	4.75
	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

PK SPEC UPDATED
EC NO: 2016-0115
C DRAINBRO2
CHKD:
APPR:KPRASAD
REV

2016/05/16
2016/06/03
DESCRIPTION

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

MM ONLY
DRAWN BY DATE
TMCLELL 1/25/06
CHECKED BY DATE
TMCLELL 1/25/06
APPROVED BY DATE
BANAKIS 1/25/06
MATERIAL NO.
SEE CHART
SIZE A2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE 4:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
MX150 RIGHT ANGLE
DUAL ROW UNSHROUDED
HEADER ASSEMBLY
molex
DOCUMENT NO. SD-75900-001
SHEET NO. 1 OF 1