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Stocking Distributor

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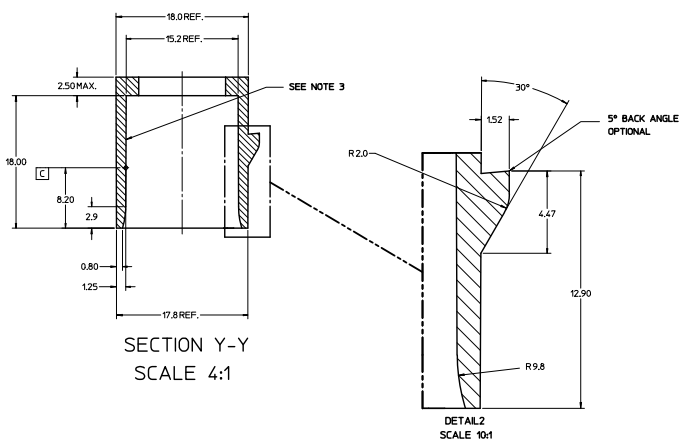
sales@integrated-circuit.com

NOTES:

1. REFER TO MOLEX SILEX 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 MYSO FEMALE CONNECTOR.
3. ALL HEADERS SHOULD SURFACE BE FREE OF DEFECTS AND POLARIZATION LINES ALL AROUND TO ENSURE PROPER SEALING OF THE MATING MYSO 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 MATING CONNECTOR ALSO PREVENTS THE MATE FROM BEING REVERSE MATED TO THE HEADER CONTACTS.
5. PERMISSIBLE DRAFT ANGLE 0.25/0.014/0.045 MAXIMUM.
6. RADI ON ALL CORNERS SHOULD BE SHARP OR ALL UNSPECIFIED RADI 0.25 EXCEPT AS NOTED.
7. ALL DIMENSIONS SHOULD BE DIMENSIONED TO THE CENTER OF THE DIMENSION WITHIN HALF THE SPECIFIED TOLERANCE.



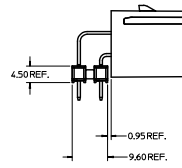
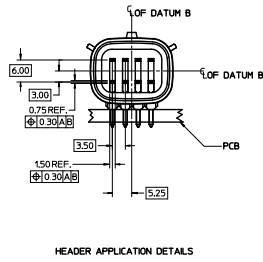
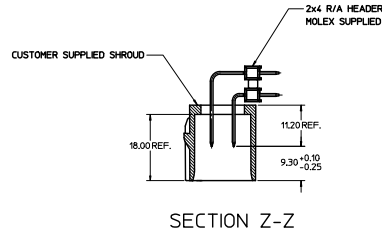
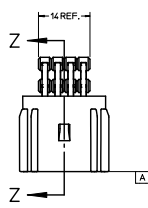
SECTION X-X
SCALE 4:1



SECTION Y-Y
SCALE 4:1

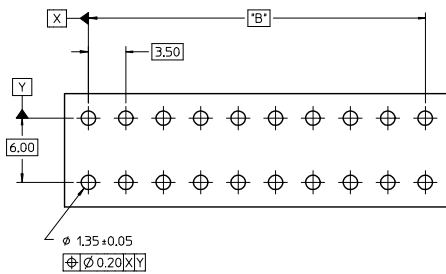
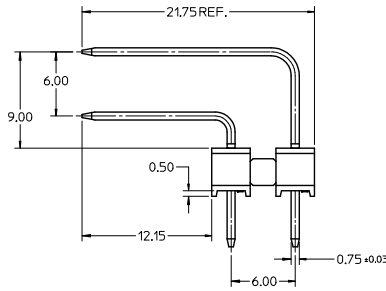
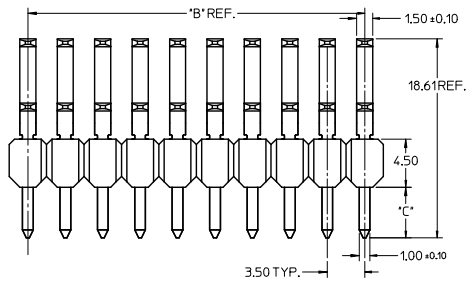
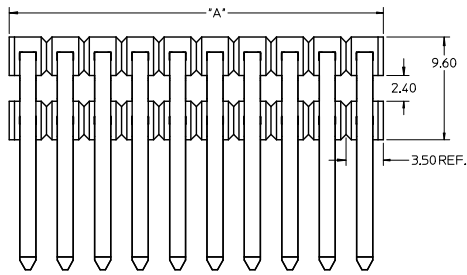
SCALE 10:1

[illegible]



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: DROSLA APPRD: JOMERCI 2011/09/16 REV: 01	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	2X4 MX150 R/A HEADER SHROUD DETAILS		
		3 PLACES ± 0.10		APPROVED BY JCOMERC I		DATE 04/26/07	MOLEX INCORPORATED		
		2 PLACES ± 0.10		MATERIAL NO. 75900-2040		DOCUMENT NO. AS-75900-204		SHEET NO. 2 OF 2	
		1 PLACE ± 0.2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		ANGULAR TOLERANCES		SIZE D					



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

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ±--- ±---
3 PLACES ±0.13 ±---
2 PLACES ±0.25 ±---
1 PLACE ± ±
0 PLACE ± ±
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DRAGON STYLE
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
TITLE
MX150 RIGHT ANGLE
DUAL ROW UNSHROUDED
HEADER ASSEMBLY
molex
DOCUMENT NO.
SD-75900-001
SHEET NO.
1 OF 1