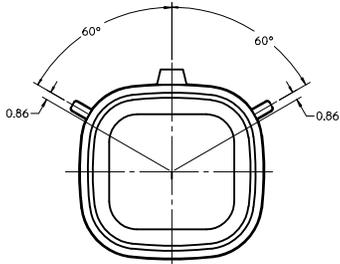
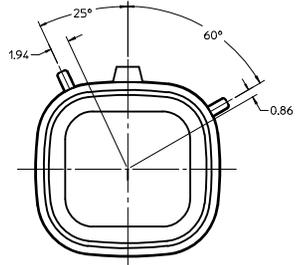


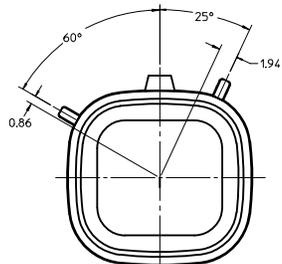
CUSTOMER SHROUD DESIGN DETAILS



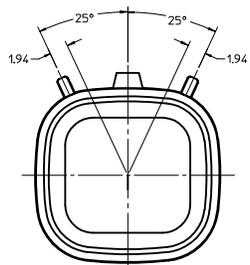
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



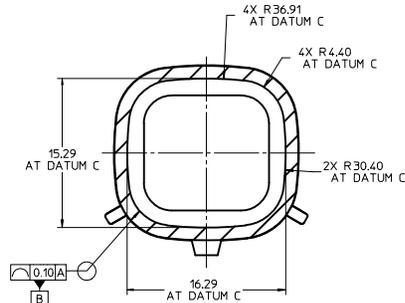
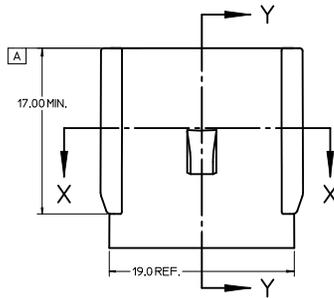
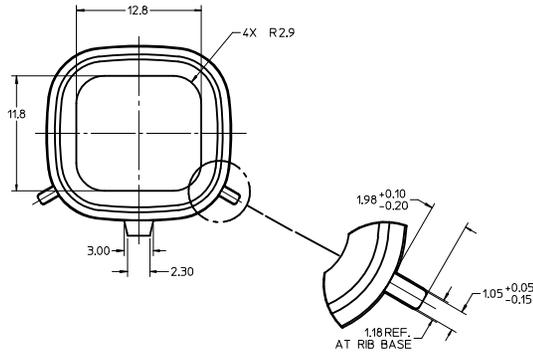
KEYING OPTION "B"
SUGGESTED COLOR: GREY



KEYING OPTION "C"
SUGGESTED COLOR: BROWN



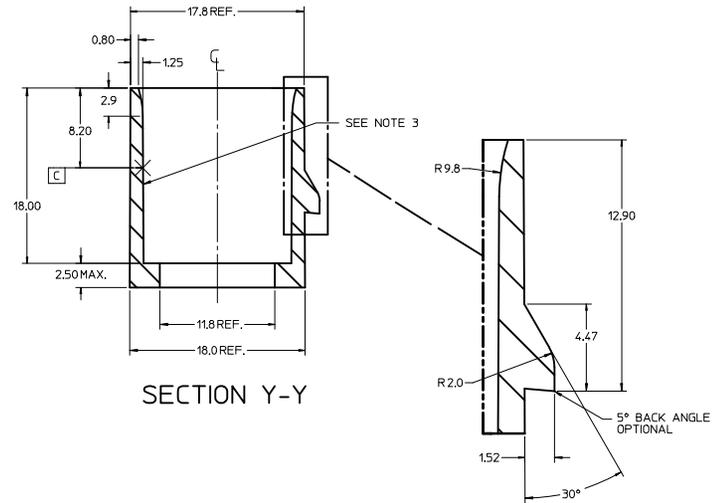
KEYING OPTION "D"
SUGGESTED COLOR: GREEN



SECTION X-X

NOTES:

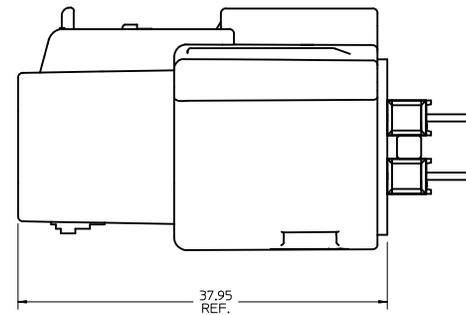
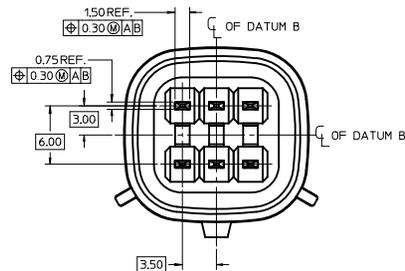
1. REFER TO MOLEX SALES DRAWING SD-75757-002 FOR THE HEADER ASSEMBLY PRODUCT DETAILS AND RECOMMENDED PCB LAYOUT.
2. KEYING OPTIONS A-D AND SUGGESTED COLORS COMPLY TO THE POLARIZATION STANDARDS ESTABLISHED FOR MATING WITH A MX150 FEMALE CONNECTOR.
3. INTERIOR SHROUD SURFACE MUST BE FREE OF DEFECTS AND 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. RADII ON ALL CORNERS SHOWN SHARP OR ALL UNSPECIFIED RADII 0.25 EXCEPT AS NOTED.
7. DIMENSIONS SHOWN ABOUT A CENTERLINE ARE SYMMETRICAL ABOUT THAT CENTERLINE WITHIN HALF THE SPECIFIED TOLERANCE.



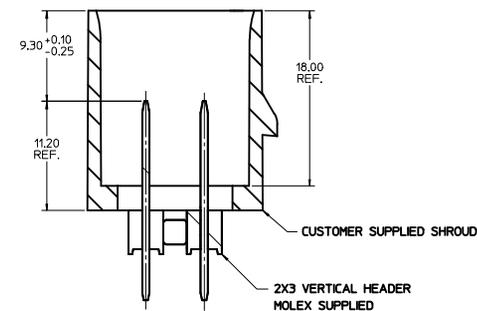
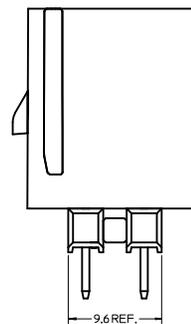
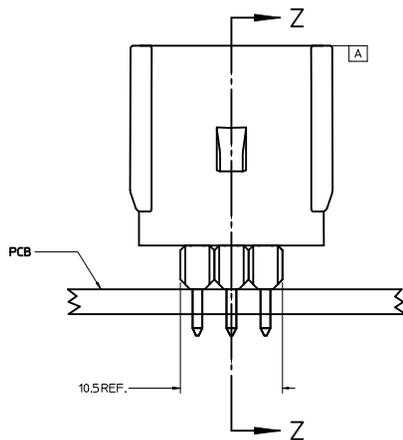
SECTION Y-Y

ADDED PLUG ASSY EIC NO: UCF2011-2680 DRAWN BY: DRWN:ROSCA CHYD: APPR: JCOMERCL 2011/03/07 2011/03/07	QUALITY SYMBOLS ▽=0 ▽=0		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	DATE	TITLE		
	3 PLACES	±0.1	±0.1	±0.1	CHECKED BY	DATE	APPLICATION SPEC		
	2 PLACES	±0.01	±0.01	±0.01	TMCLELL	2006/04/26	2X3 MX150 HEADER		
1 PLACE	±0.2	±0.2	±0.2	APPROVED BY	DATE	SHROUD DETAILS			
ANGULAR ±1/2°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO: 75757-2030		DOCUMENT NO: AS-75757-203		SHEET NO. 1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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.



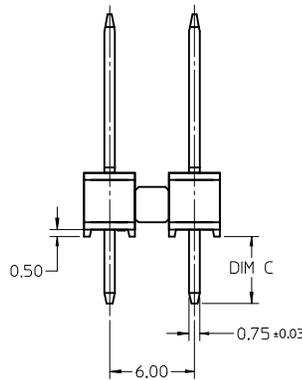
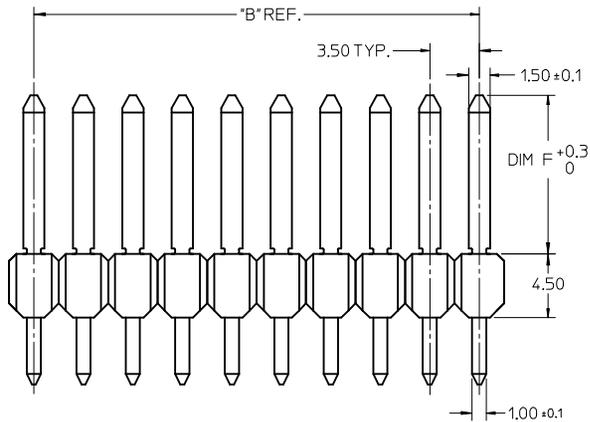
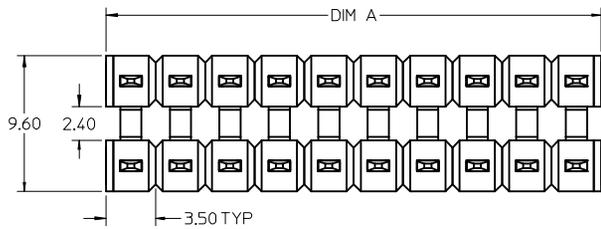
CONNECTOR ASSEMBLY



SECTION Z-Z

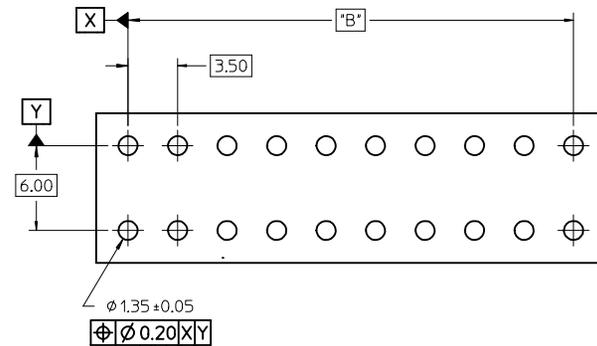
HEADER APPLICATION DETAILS

SEE SHEET 1 EIC NO: UCP2011-2680 DRAWN BY: DRWN:DRWSCA CHKD: APPR: JCOMERCL 2011/03/04 2011/03/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.01 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1/2°	MM ONLY	4:1	METRIC	DRAWN BY DATE TMCLELL 2006/04/26 CHECKED BY DATE TMCLELL 2006/04/26 APPROVED BY DATE BANAKI S 2006/04/28	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 75757-2030	DOCUMENT NO. AS-75757-203	APPLICATION SPEC 2X3 MX150 HEADER SHROUD DETAILS		MOLEX INCORPORATED	SHEET NO. 2 OF 2
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



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 - 1.54µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
 - OPTION 1 - 2.54µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
 - OPTION 2 - 1.25µm NICKEL OVERALL 2.54µm MIN SELECT MATTE TIN PC TAIL AREA 0.05-0.25µm SELECT GOLD CONTACT AREA
 - OPTION 3 - 1.25µm NICKEL OVERALL 2.54µm MIN SELECT MATTE TIN PC TAIL AREA 0.75µm SELECT GOLD CONTACT AREA
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-340.



RECOMMENDED PCB LAYOUT

PK SPEC UPDATED EC NO: 12016-0115 DRWN: BR02 CHKD: APPR: KPRASAD 2016/05/16 2016/06/03	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	0 PLACE	±	±	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	± ---	± ---																					
	3 PLACES	± ---	± ---																					
2 PLACES	± 0.13	± ---																						
1 PLACE	± 0.25	± ---																						
0 PLACE	±	±																						
		DRAWN BY: TMCLELL DATE: 1/18/05 CHECKED BY: TMCLELL DATE: 1/18/05 APPROVED BY: BANAK I S DATE: 1/18/05	MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY 																					
		MATERIAL NO. SEE CHART																						
		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A 2	DOCUMENT NO. SD-75757-002	SHEET NO. 1 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		

