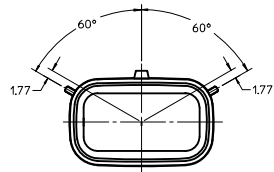
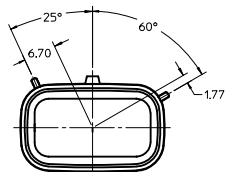


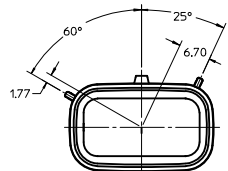
CUSTOMER SHROUD DESIGN DETAILS



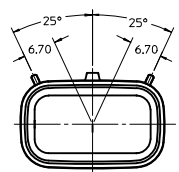
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



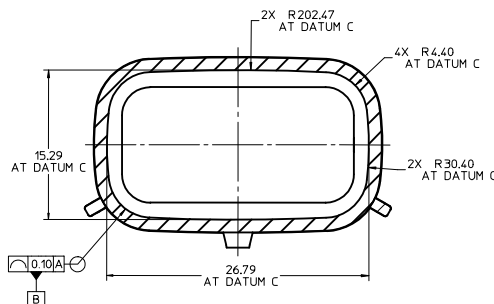
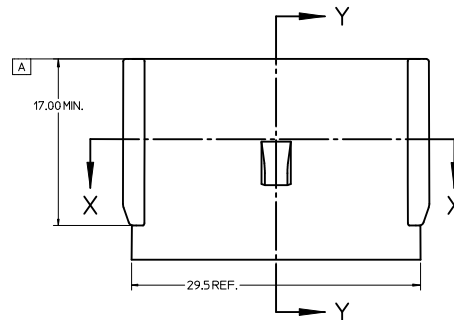
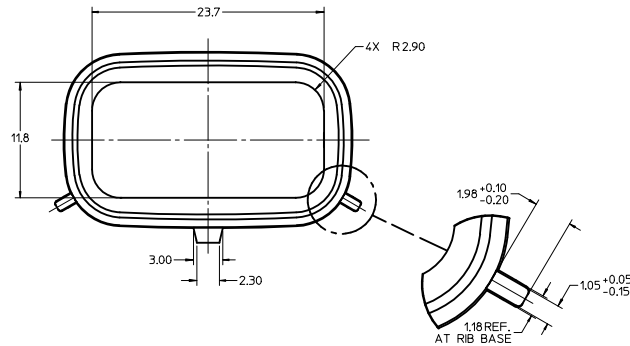
KEYING OPTION "B"
SUGGESTED COLOR: GREY



KEYING OPTION "C"
SUGGESTED COLOR: BROWN



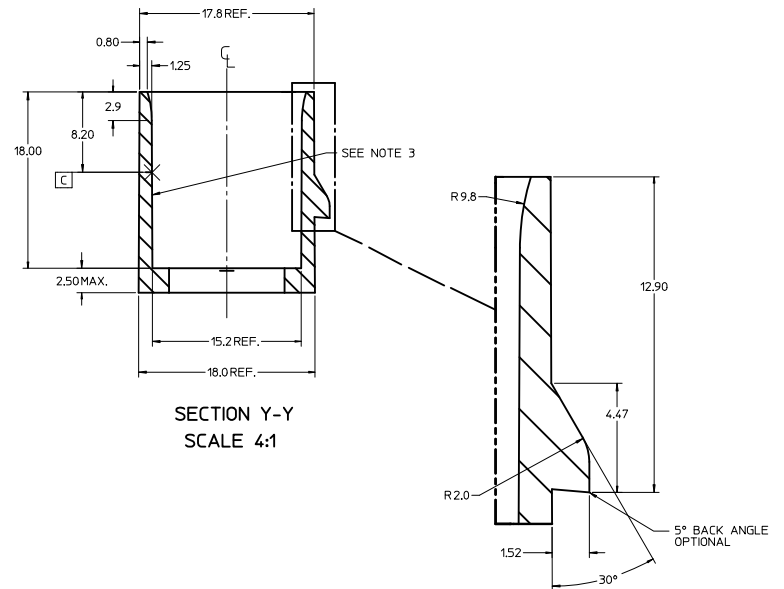
KEYING OPTION "D"
SUGGESTED COLOR: GREEN



SECTION X-X
SCALE 4:1

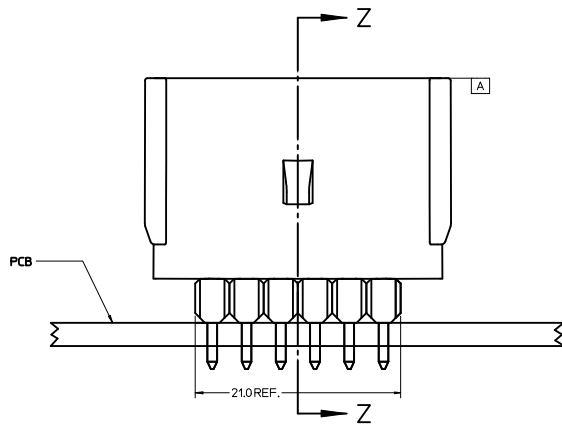
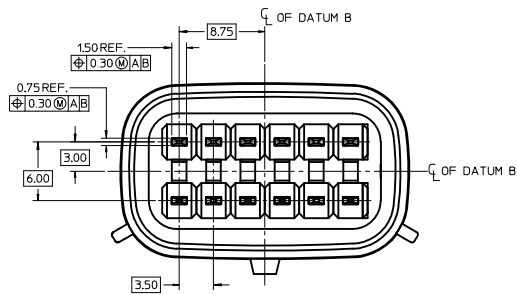
NOTES:

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.



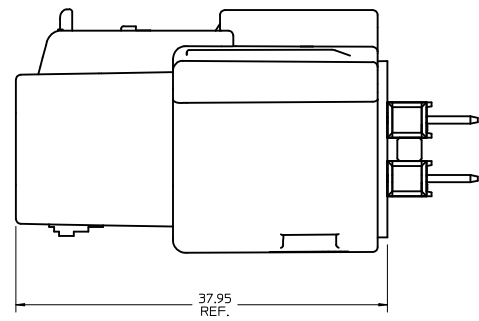
SECTION Y-Y
SCALE 4:1

ADDED PLUG ASSY IEC NO: UCP2011-2680 DRAWN BY: DRWNOROSCA CHKD: APPR: JCOMERCL DATE: 2011/03/04 DESCRIPTION: 2011/03/07		QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></tr><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>0.10</td><td>---</td></tr><tr><td>1 PLACE ±</td><td>0.2</td><td>---</td></tr><tr><td>ANGULAR</td><td colspan="2">±1/2°</td></tr></table>			mm	INCH	4 PLACES ±	---	---	3 PLACES ±	---	---	2 PLACES ±	0.10	---	1 PLACE ±	0.2	---	ANGULAR	±1/2°		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	mm	INCH																										
4 PLACES ±	---	---																										
3 PLACES ±	---	---																										
2 PLACES ±	0.10	---																										
1 PLACE ±	0.2	---																										
ANGULAR	±1/2°																											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWN BY TMCCLLELL		DATE 03/29/06		TITLE APPLICATION SPEC 2X6 MX150 HEADER SHROUD DETAILS																				
				CHECKED BY TMCCLLELL		DATE 03/29/06		 MOLEX INCORPORATED																				
				APPROVED BY BANAKIS		DATE 03/30/06																						
				MATERIAL NO. 75757-2060		DOCUMENT NO. AS-75757-206		SHEET NO. 1 OF 2																				
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						

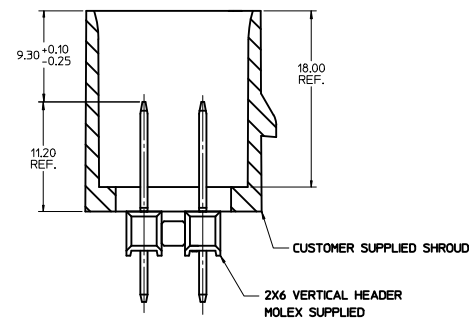
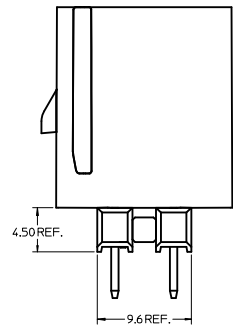


HEADER APPLICATION DETAILS

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.



CONNECTOR ASSEMBLY



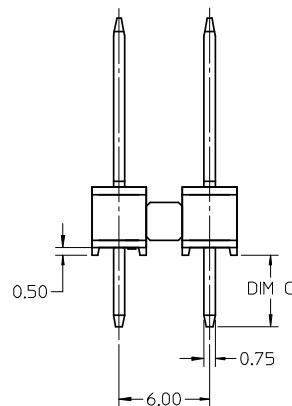
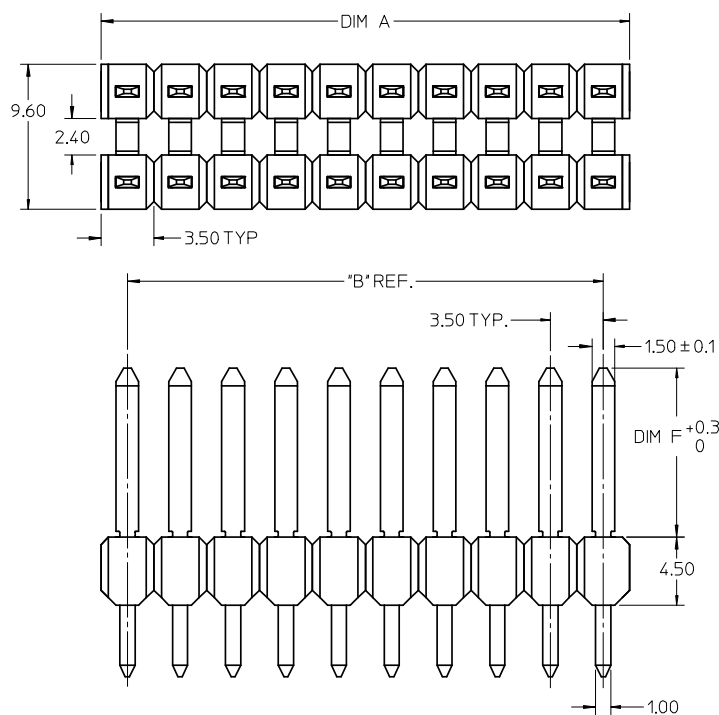
SECTION Z-Z

SEE SHEET 1 EC NO: UCP2011-2680 DRAWN: DRWSCA CHKD: APPR: JCMERCL REV	DESCRIPTION 2011/03/04 2011/03/07	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
					DRAWN BY	DATE	TITLE		
			4 PLACES	±	---	TMCLELL	03/29/06	APPLICATION SPEC 2X6 MX150 HEADER SHROUD DETAILS  MOLEX INCORPORATED	
			3 PLACES	±	---	CHECKED BY	DATE		
			2 PLACES	±	0.10	TMCLELL	03/29/06		
			1 PLACE	±	0.2	APPROVED BY	DATE		
			ANGULAR ±1/2°		BANAKIS	03/30/06			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 75757-2060		DOCUMENT NO. AS-75757-206	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						

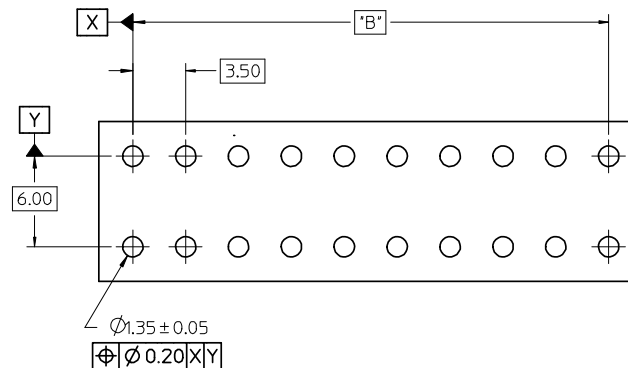
APPLICATION SPEC
2X6 MX150 HEADER
SHROUD DETAILS

MOLEX INCORPORATED

SHEET NO.
2 OF 2



- 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-75757-9900.
 5. COMPLIES WITH USCAR 1.5mm TERMINAL BLADE SPECIFICATION.



RECOMMENDED PCB LAYOUT

REMOVED EXTRA DIM EC NO: UCP2009-0126 DRAWN: DRSCA 2008/07/16 CHKD: JCOMERC 2008/07/16 APPR: JCOMERC 2008/07/16	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					DRAWN BY DATE		TITLE			
					TMCLELL 1/18/05		MX150 DUAL ROW BREAK-AWAY VERTICAL HEADER ASSEMBLY			
					CHECKED BY DATE					
					TMCLELL 1/18/05					
					APPROVED BY DATE		MOLEX MOLEX INCORPORATED			
					BANAKIS 1/18/05					
					MATERIAL NO.		DOCUMENT NO.			
					SEE CHART		SD-75757-002			
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
B	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ±1/2°						SHEET NO. 1 OF 2	

[illegible]