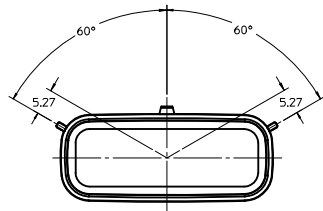


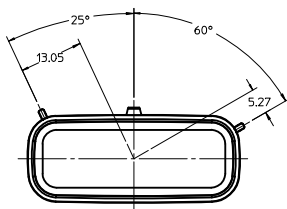
CUSTOMER SHROUD DESIGN DETAILS

NOTES:

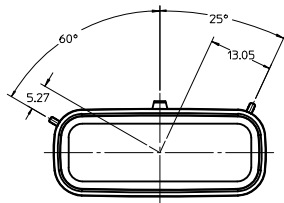
1. REFER TO MOLEX SALES DRAWING SD-75757-002 FOR THE HEADER ASSEMBLY PRODUCT DETAILS AND RECOMMENDED PCB LAYOUT.
2. KEYING OPTIONS A-D AND SUGGESTED COLORS COMPLY TO THE POLARIZATION STANDARDS ESTABLISHED FOR MATING WITH A MX150 FEMALE CONNECTOR.
3. INTERIOR SHROUD SURFACE MUST BE FREE OF DEFECTS AND 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. 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.



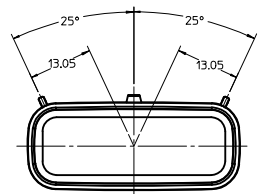
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



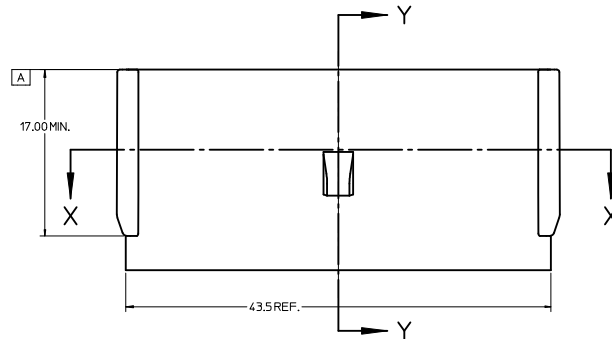
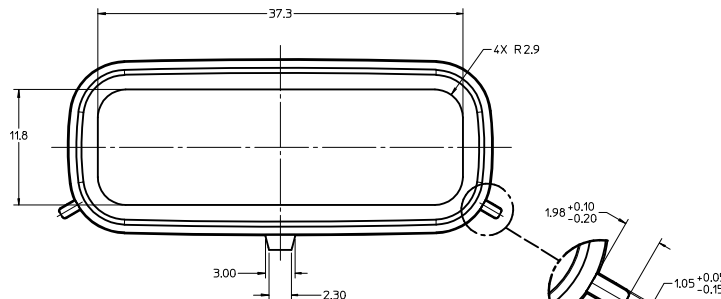
KEYING OPTION "B"
SUGGESTED COLOR: GREY



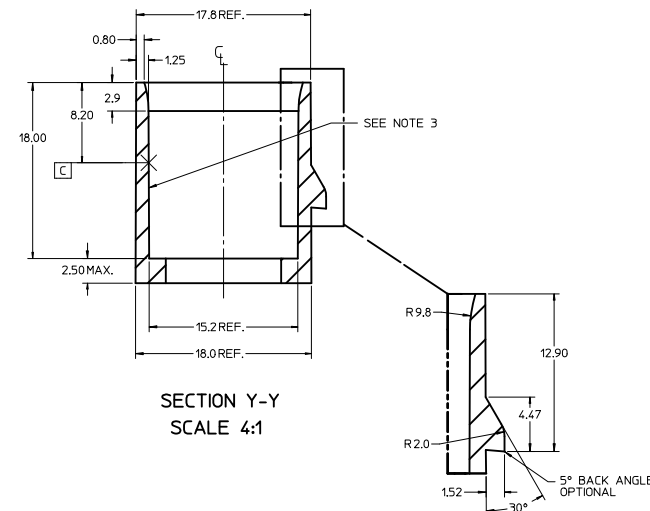
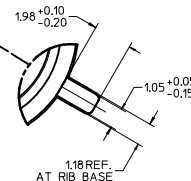
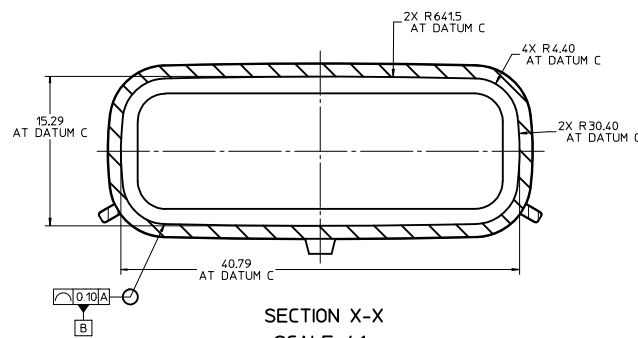
KEYING OPTION "C"
SUGGESTED COLOR: BROWN



KEYING OPTION "D"
SUGGESTED COLOR: GREEN

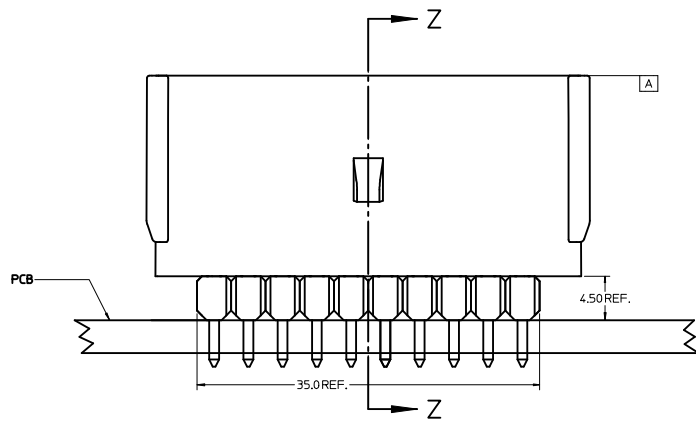
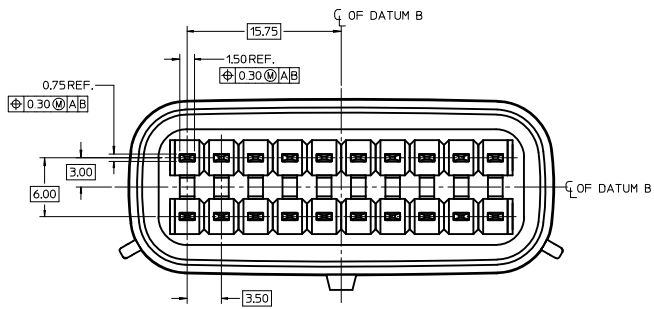


SECTION X-X
SCALE 4:1



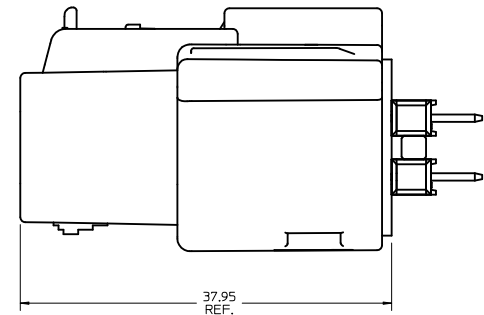
SECTION Y-Y
SCALE 4:1

ADDED PLUG ASSY IEC NO: UCP2011-2680 DRAWN BY: DRWNGRSCA CHKO: APPR: JOMERCL 2011/03/04 2011/03/07	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 DATE TMCLELL 02/16/06		TITLE APPLICATION SPEC 2X10 MX150 HEADER SHROUD DETAILS		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± ---		CHECKED BY DATE TMCLELL 02/16/06		MOLEX MOLEX INCORPORATED		
		ANGULAR ±1/2°		APPROVED BY DATE BANAKIS 02/16/06		DOCUMENT NO. AS-75757-210		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 75757-2100		SHEET NO. 1 OF 2		
NEW		SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

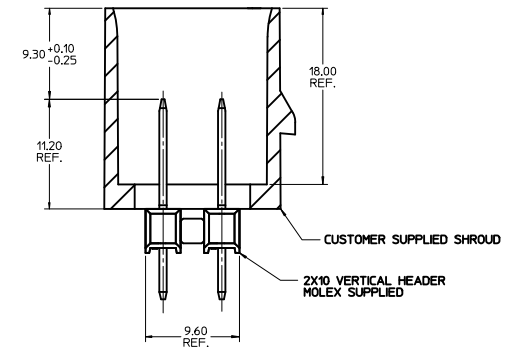


HEADER APPLICATION DETAILS

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.

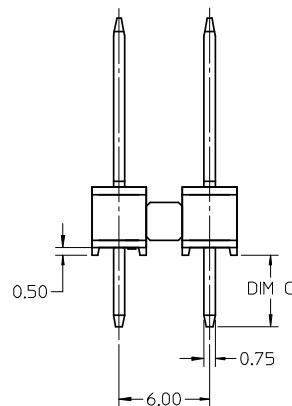
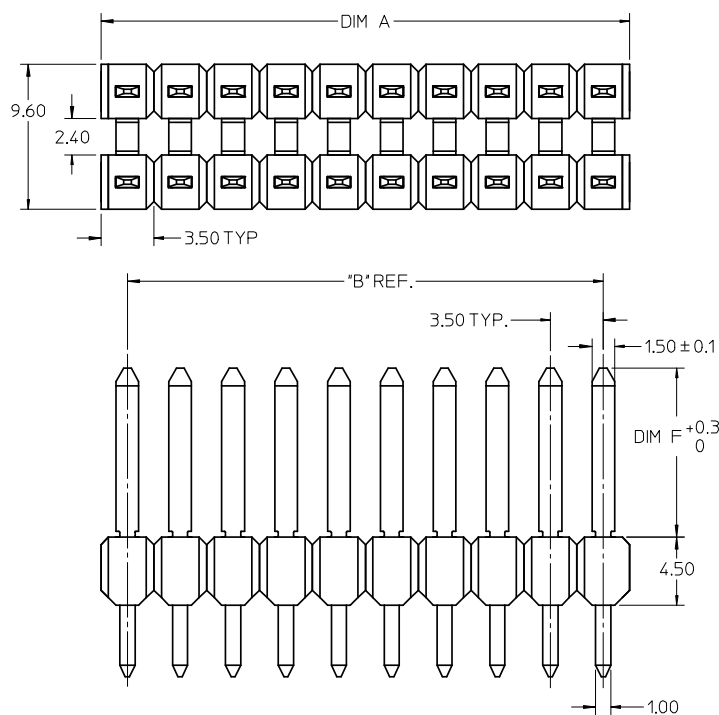


CONNECTOR ASSEMBLY

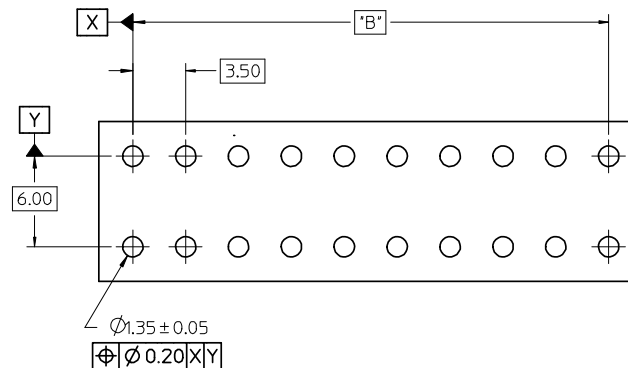


SECTION Z-Z

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
				MM ONLY		4:1		METRIC			
=0		mm		INCH		DATE		TITLE			
=0		4 PLACES ± ---		± ---		TMCLELL		02/16/06			
		3 PLACES ± ---		± ---		TMCLELL		02/16/06			
		2 PLACES ± 0.10		± ---		TMCLELL		02/16/06			
		1 PLACE ± 0.2		± ---		APPROVED BY		DATE			
		ANGULAR ± 1/2°		± ---		BANKIS		02/16/06			
		DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
						75757-2100		AS-75757-210		2 OF 2	
						SIZE D		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 - 1.5µm 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 REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 		
						DRAWN BY TMCCLLELL	DATE 1/18/05	TITLE MX150 DUAL ROW BREAK-AWAY VERTICAL HEADER ASSEMBLY				
						CHECKED BY	DATE					
						TMCCLLELL	1/18/05					
						APPROVED BY	DATE	 MOLEX INCORPORATED				
						BANAKIS	1/18/05					
			MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
			SEE CHART		SD-75757-002		1 OF 2					
			SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

[illegible]