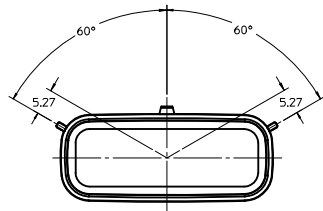


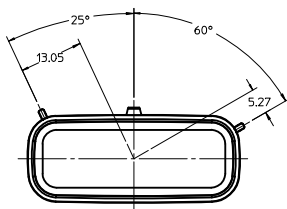
CUSTOMER SHROUD DESIGN DETAILS

NOTES:

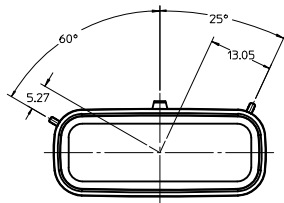
1. REFER TO MOLEX SALES DRAWING SD-75757-002 FOR THE HEADER ASSEMBLY PRODUCT DETAILS AND RECOMMENDED PCB LAYOUT.
2. KEYING OPTIONS A-D AND SUGGESTED COLORS COMPLY TO THE POLARIZATION STANDARDS ESTABLISHED FOR MATING WITH A MX150 FEMALE CONNECTOR.
3. INTERIOR SHROUD SURFACE MUST BE FREE OF DEFECTS AND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



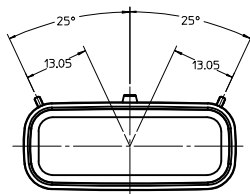
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



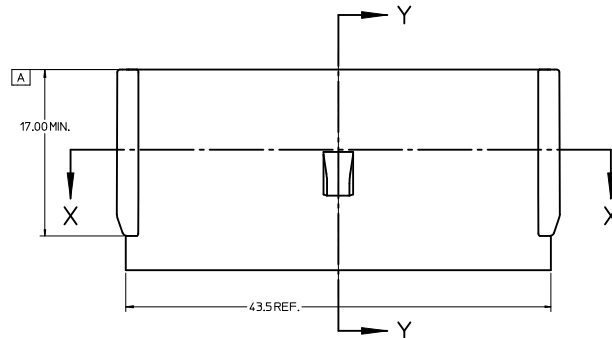
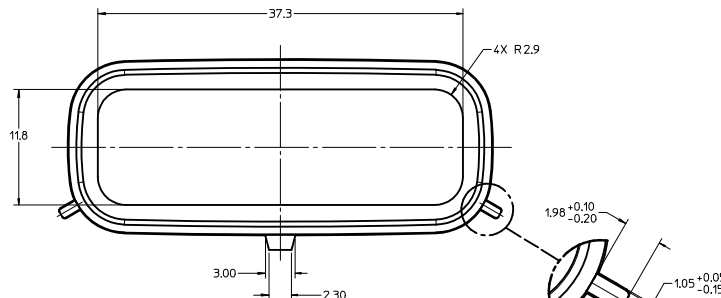
KEYING OPTION "B"
SUGGESTED COLOR: GREY



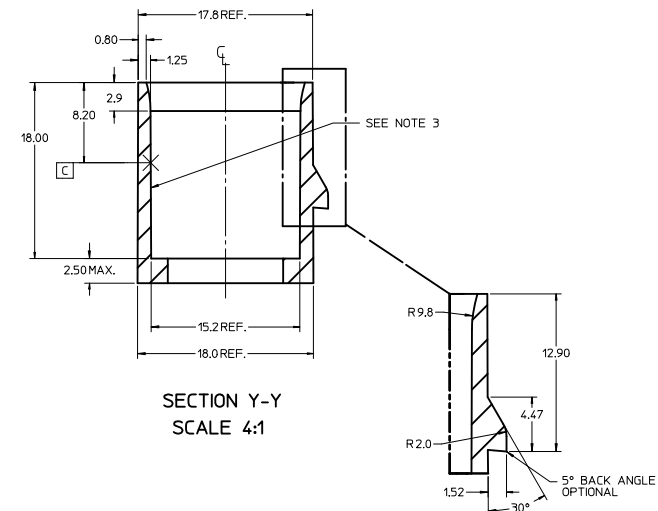
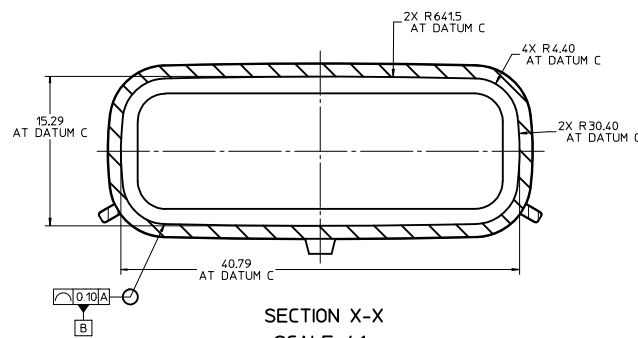
KEYING OPTION "C"
SUGGESTED COLOR: BROWN



KEYING OPTION "D"
SUGGESTED COLOR: GREEN

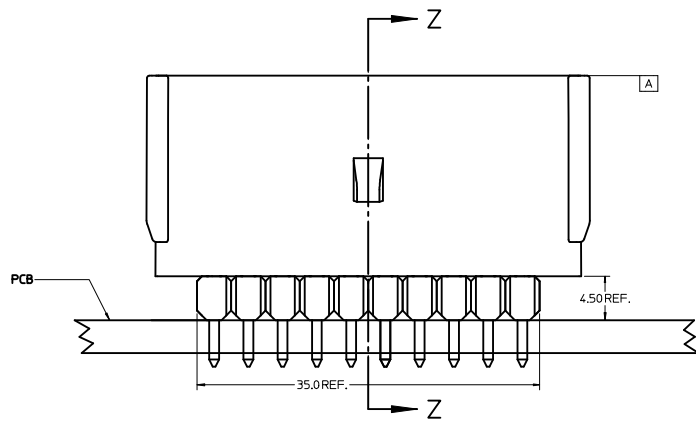
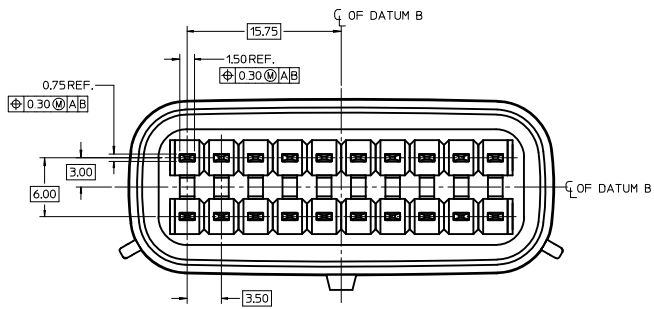


SECTION X-X
SCALE 4:1



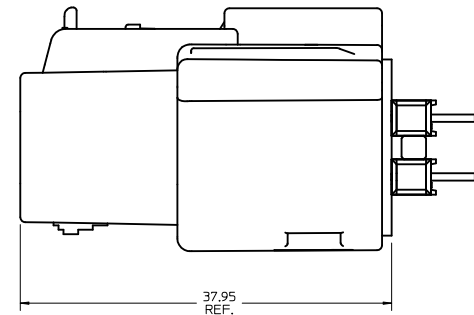
SECTION Y-Y
SCALE 4:1

ADDED PLUG ASSY IEC NO: UCP2011-2680 DRAWN BY: DRWN:GROSSCA CHECKED BY: CHKO: APPROVED BY: APPR: JOMERCL DATE: 2011/03/04 DATE: 2011/03/07	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- INCH 3 PLACES ± --- INCH 2 PLACES ± 0.10 INCH 1 PLACE ± 0.2 INCH	4 PLACES ± --- MM 3 PLACES ± --- MM 2 PLACES ± 0.10 MM 1 PLACE ± 0.2 MM	DRAWN BY: TMCLELL DATE: 02/16/06 CHECKED BY: TMCLELL DATE: 02/16/06 APPROVED BY: BANAKIS DATE: 02/16/06	MATERIAL NO: 75757-2100 SIZE: D	DOCUMENT NO: AS-75757-210	SHEET NO: 1 OF 2
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPLICATION SPEC 2X10 MX150 HEADER SHROUD DETAILS			
				MOLEX INCORPORATED			

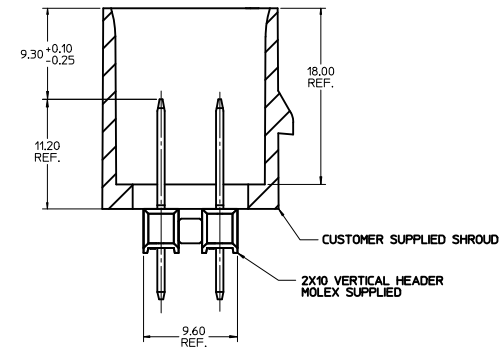


HEADER APPLICATION DETAILS

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.

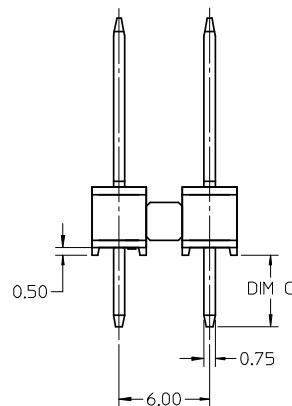
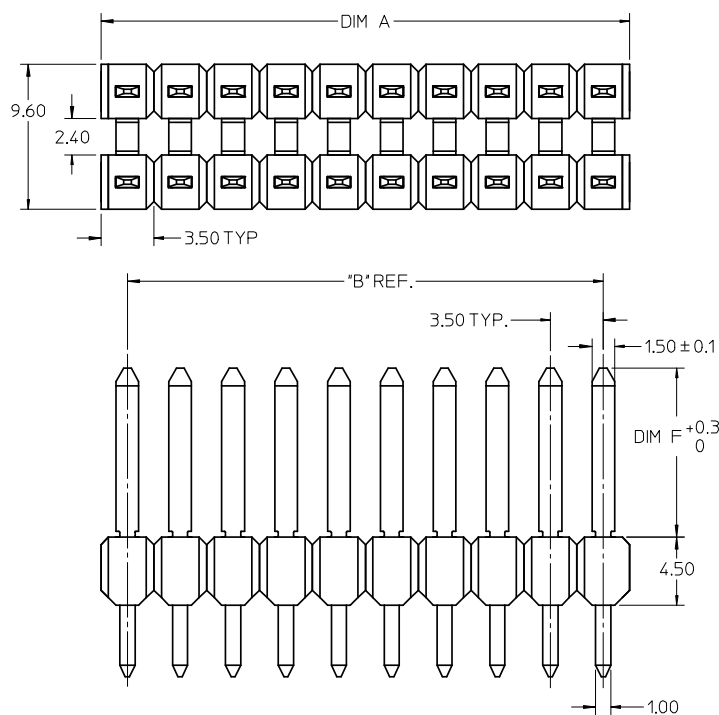


CONNECTOR ASSEMBLY



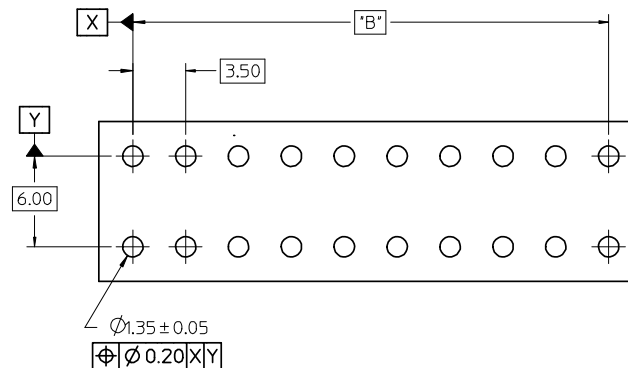
SECTION Z-Z

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		4:1	METRIC		
SEE SHEET 1	DRWN:DRSCA	2011/03/04	2011/03/07	4 PLACES ± ---	± ---	DRAWN BY	DATE	APPLICATION SPEC 2X10 MX150 HEADER SHROUD DETAILS	
EC NO: UCP2011-2680	CHKD:			3 PLACES ± ---	± ---	CHECKED BY	DATE		
	APPR: JCMERCL			2 PLACES ± 0.10	± ---	APPROVED BY	DATE	MOLEX INCORPORATED	
				1 PLACE ± 0.2	± ---	BANKIS	02/16/06		
				ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		75757-2100		AS-75757-210	
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		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	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY TMCLELL	DATE 1/18/05	TITLE MX150 DUAL ROW BREAK-AWAY VERTICAL HEADER ASSEMBLY					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---	TMCLELL	1/18/05						
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED					
			1 PLACE	± 0.25	± ---	BANAKIS	1/18/05						
			ANGULAR ± 1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			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]