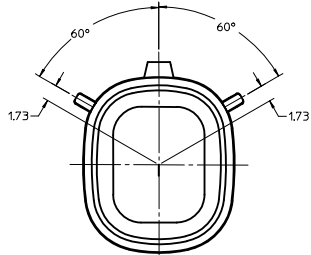
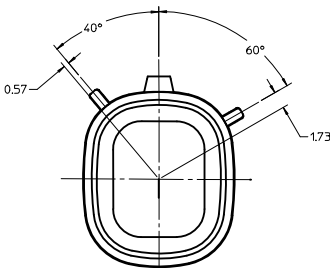


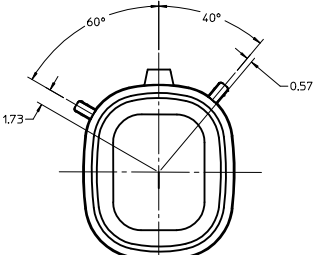
CUSTOMER SHROUD DESIGN DETAILS



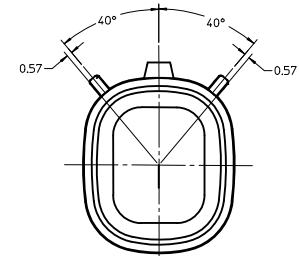
KEYING OPTION 'A'
SUGGESTED COLOR: BLACK



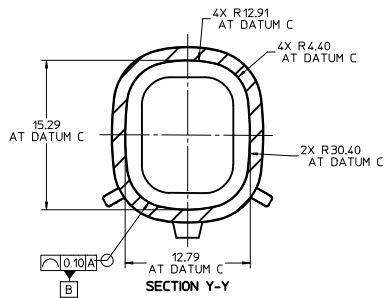
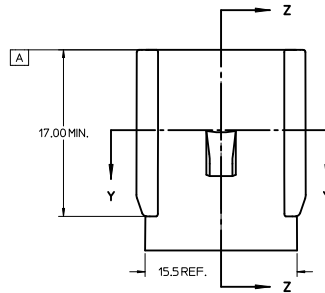
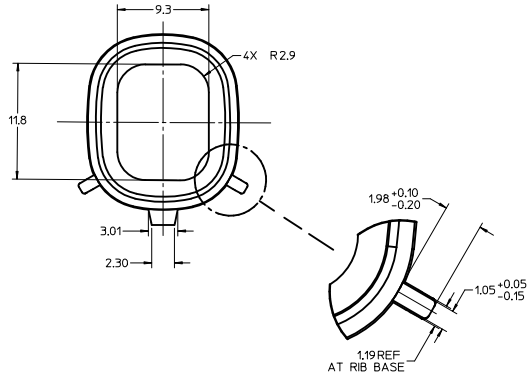
KEYING OPTION 'B'
SUGGESTED COLOR: GREY



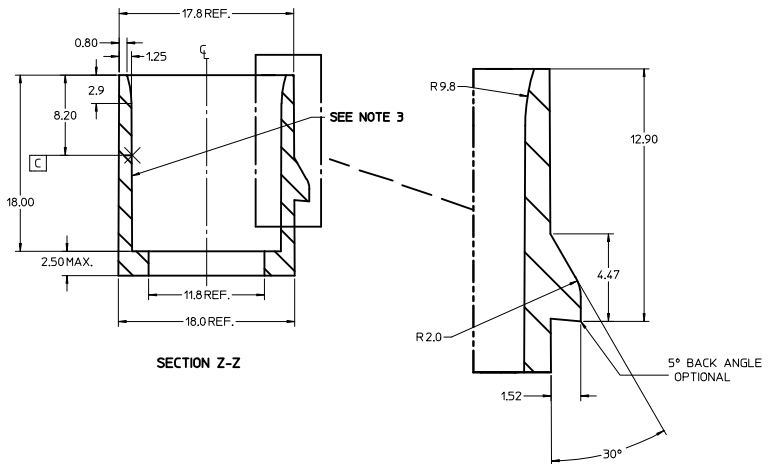
KEYING OPTION 'C'
SUGGESTED COLOR: BROWN



KEYING OPTION 'D'
SUGGESTED COLOR: GREEN

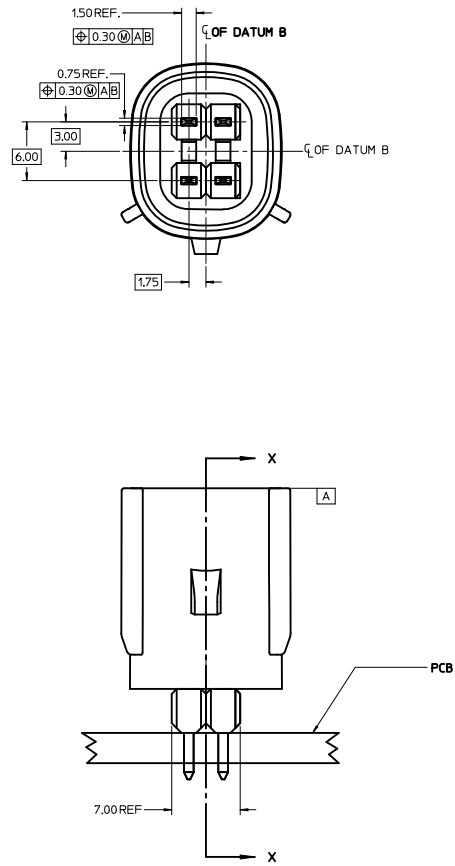


- NOTES:**
1. REFER TO MOLEX SALES DRAWING SD-75757-002 FOR THE HEADER ASSEMBLY PRODUCT DETAILS AND RECOMMENDED PCB LAYOUT.
 2. KEYING OPTIONS A-D AND SUGGESTED COLORS COMPLY TO THE POLARIZATION STANDARDS ESTABLISHED FOR MATING WITH A MX150 FEMALE CONNECTOR.
 3. INTERIOR SHROUD SURFACE MUST BE FREE OF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



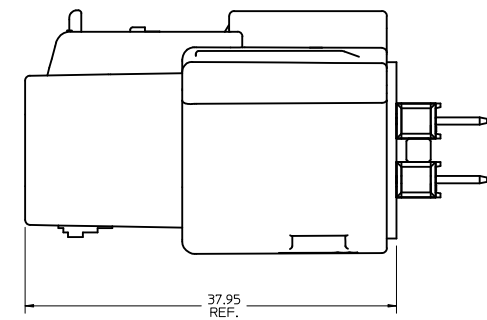
SECTION Z-Z

ADDED ASSY VIEW IEC NO: UCP2011-2680 CHYD: DRWN:ROSCA APPR: JCOMERCL 2011/03/04 2011/03/07	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0				DRAWN BY JJANTELEZIO		DATE 05/08/2006		TITLE APPLICATION SPEC 2X2 MX150 HEADER SHROUD DETAILS	
	▽=0				CHECKED BY TMCLELL		DATE 05/08/2006			
					APPROVED BY BANAKIS		DATE 05/08/2006		molex MOLEX INCORPORATED	
					MATERIAL NO. 75757-2020		DOCUMENT NO. AS-75757-202		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			

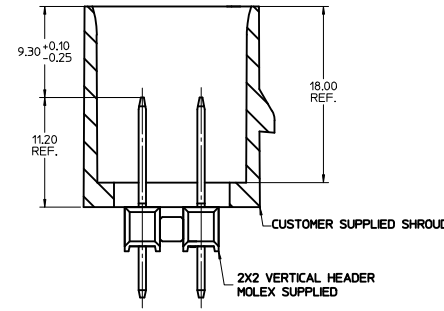
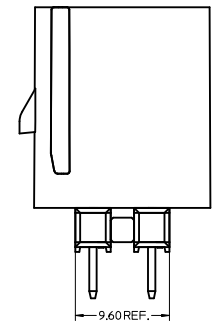


HEADER APPLICATION DETAILS

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.

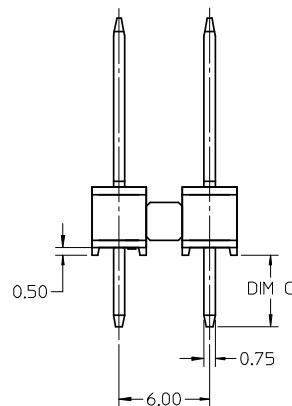
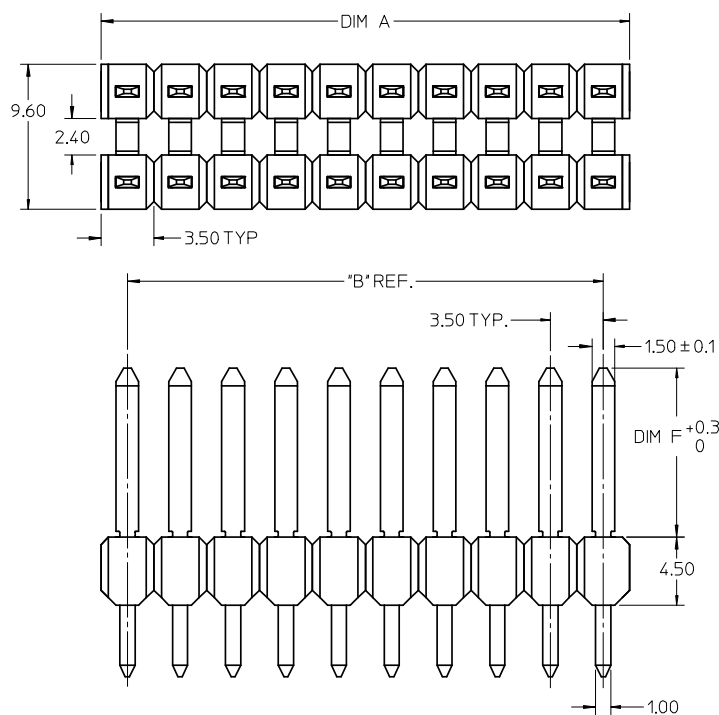


CONNECTOR ASSEMBLY

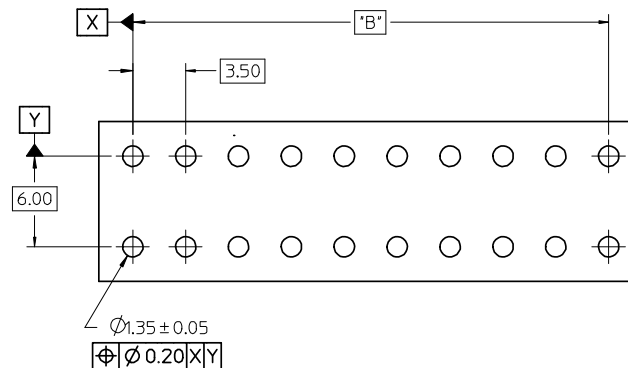


SECTION X-X

SEE SHT 1 EC NO: UCP2011-2680 D DRWN:DRSCA CHKD: APPR: JCOMERCL 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
		mm	INCH	DRAWN BY JJANTELEZIO	DATE 05/08/2006	TITLE APPLICATION SPEC 2X2 MX150 HEADER SHROUD DETAILS		
		4 PLACES ± --- ± ---	CHECKED BY TMCLELL	DATE 05/08/2006				
		3 PLACES ± --- ± ---	APPROVED BY BANAKIS	DATE 05/08/2006				
		2 PLACES ± 0.01 ± ---	MATERIAL NO. 75757-2020					
1 PLACE ± 0.2 ± ---	ANGULAR ± 1/2°		DOCUMENT NO. AS-75757-202		 MOLEX INCORPORATED	SHEET NO. 2 OF 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				
SIZE D								



- 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.		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]