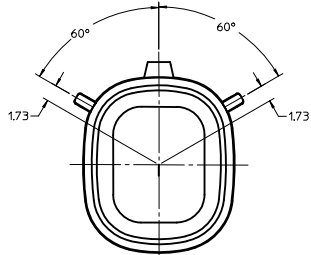
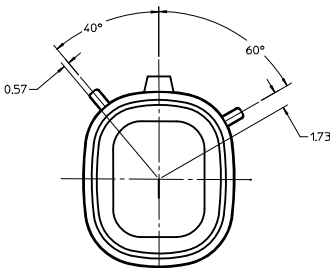


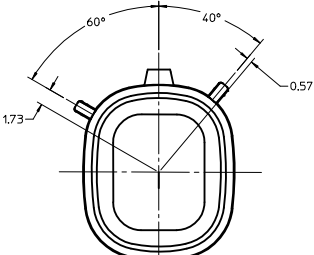
CUSTOMER SHROUD DESIGN DETAILS



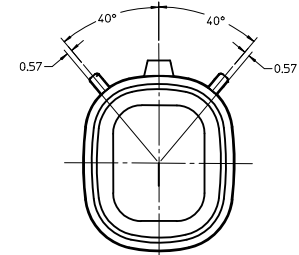
KEYING OPTION 'A'
SUGGESTED COLOR: BLACK



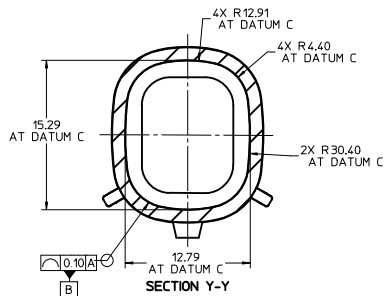
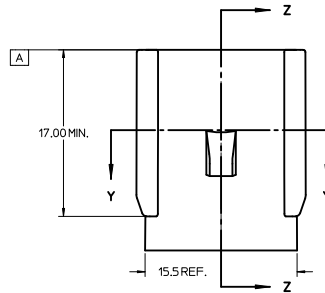
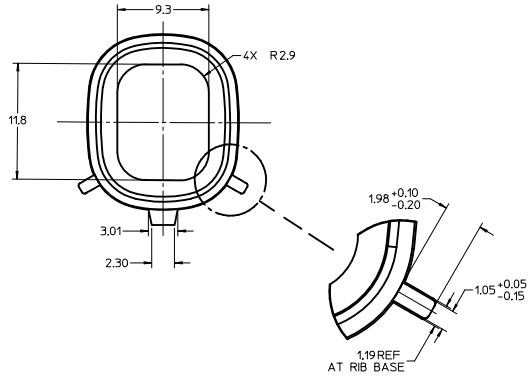
KEYING OPTION 'B'
SUGGESTED COLOR: GREY



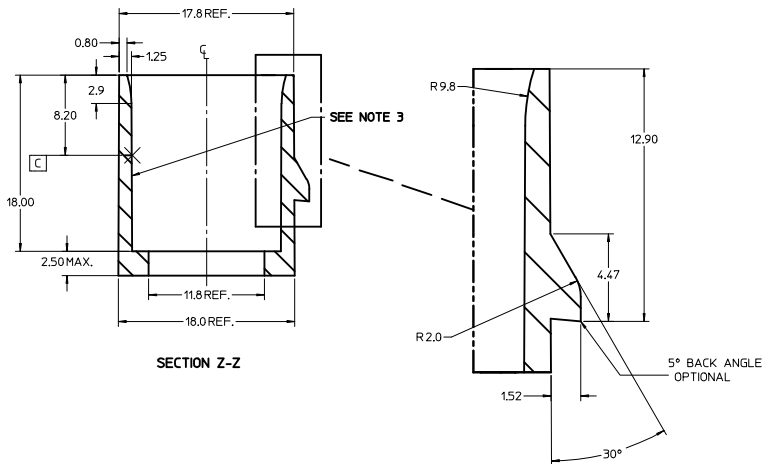
KEYING OPTION 'C'
SUGGESTED COLOR: BROWN



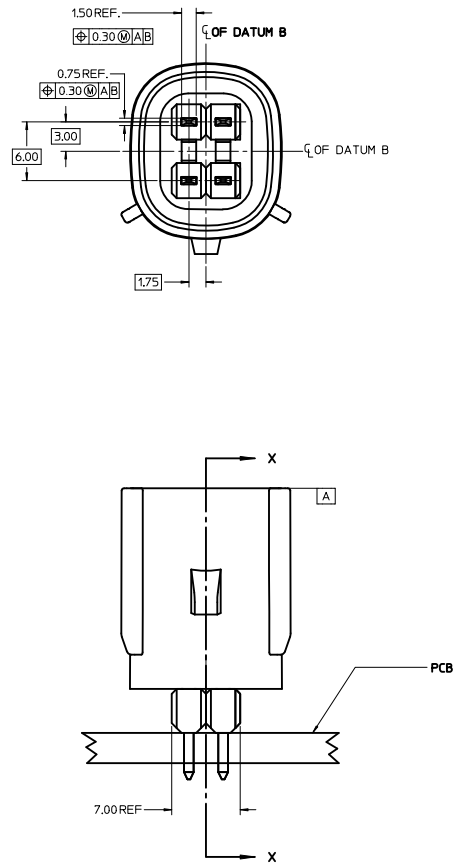
KEYING OPTION 'D'
SUGGESTED COLOR: GREEN



- 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.

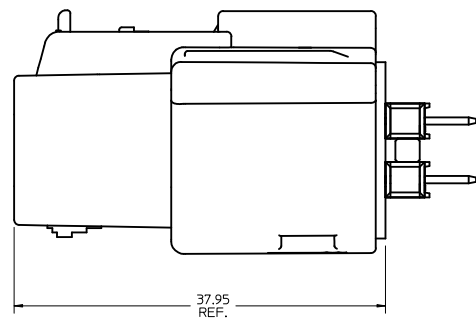


ADDED ASSY VIEW		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UCP2011-2680		=0		mm		MM ONLY		4:1		METRIC			
DRAWN BY: J JANTELEZIO		=0		INCH		DATE: 05/08/2006		DATE: 05/08/2006		DATE: 05/08/2006		DATE: 05/08/2006	
CHECKED BY: TMCLELL		4 PLACES ±---		±---		APPROVED BY: BANAKIS		DATE: 05/08/2006		DATE: 05/08/2006		DATE: 05/08/2006	
APPROVED BY: BANAKIS		3 PLACES ±---		±---		MATERIAL NO: 75757-2020		DOCUMENT NO: AS-75757-002		SHEET NO: 1 OF 2		SHEET NO: 1 OF 2	
DATE: 05/08/2006		2 PLACES ±0.01		±---		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
DATE: 05/08/2006		1 PLACE ±0.2		±---									
DATE: 05/08/2006		ANGULAR ±1/2°		±---									
DATE: 05/08/2006		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

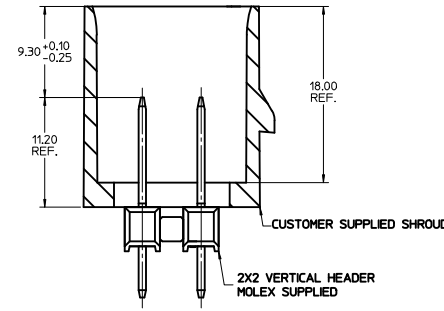
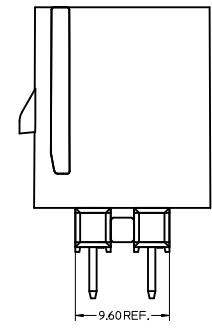


HEADER APPLICATION DETAILS

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.

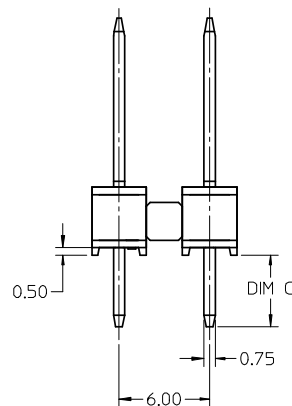
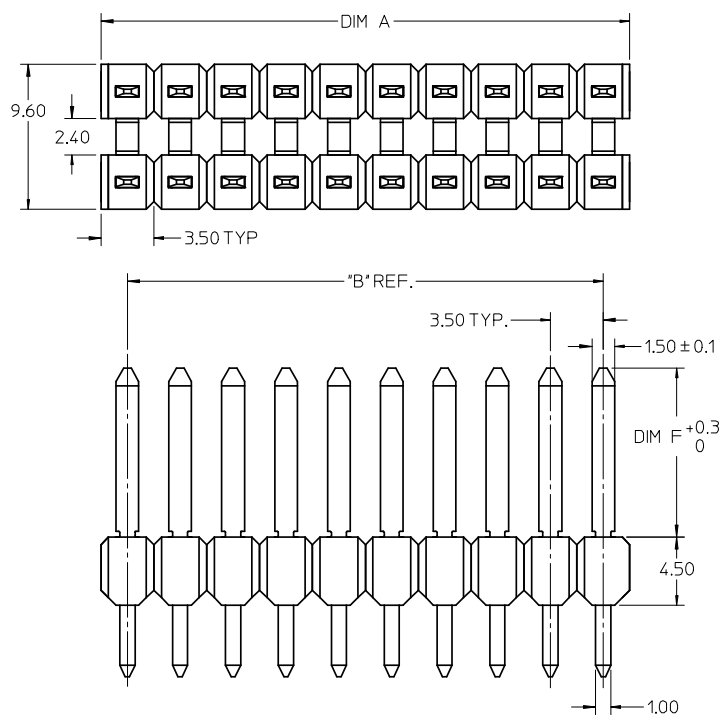


CONNECTOR ASSEMBLY

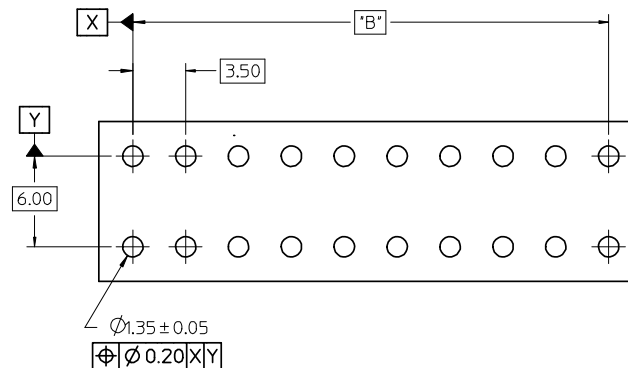


SECTION X-X

SEE SHT 1 EC NO: UCP2011-2680 D DRAWN BY: DRWNDRSCA CHKD: CHYD 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
		4 PLACES	±	±	DRAWN BY JJANTELEZIO	DATE 05/08/2006	TITLE APPLICATION SPEC 2X2 MX150 HEADER SHROUD DETAILS	
		3 PLACES	±	±	CHECKED BY TMCLELL	DATE 05/08/2006		
		2 PLACES	± 0.01	±	APPROVED BY BANAKIS	DATE 05/08/2006		
		1 PLACE	± 0.2	±	MATERIAL NO. 75757-2020	DOCUMENT NO. AS-75757-202		
		ANGULAR ± 1/2°		MOLEX INCORPORATED				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					DRAWN BY TMCLELL	DATE 1/18/05	TITLE MX150 DUAL ROW BREAK-AWAY VERTICAL HEADER ASSEMBLY						
					CHECKED BY TMCLELL	DATE 1/18/05							
					APPROVED BY BANAKIS	DATE 1/18/05						MOLEX MOLEX INCORPORATED	
					MATERIAL NO. SEE CHART		DOCUMENT NO. SD-75757-002					SHEET NO. 1 OF 2	

[illegible]