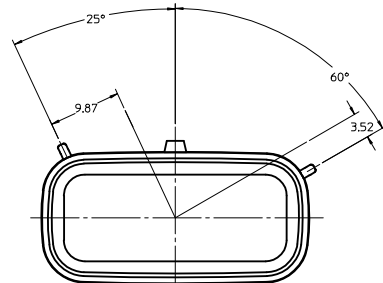
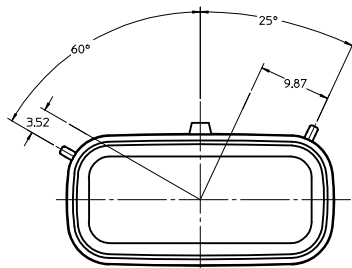


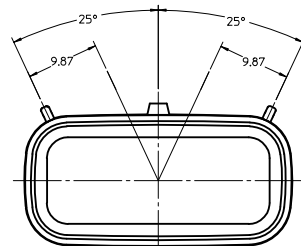
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



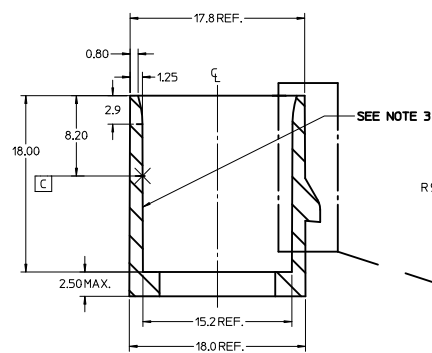
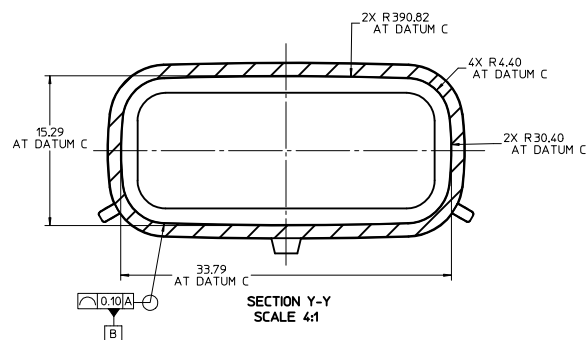
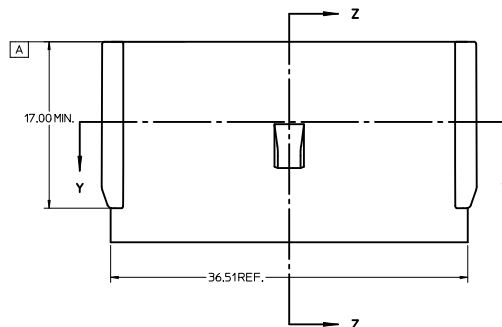
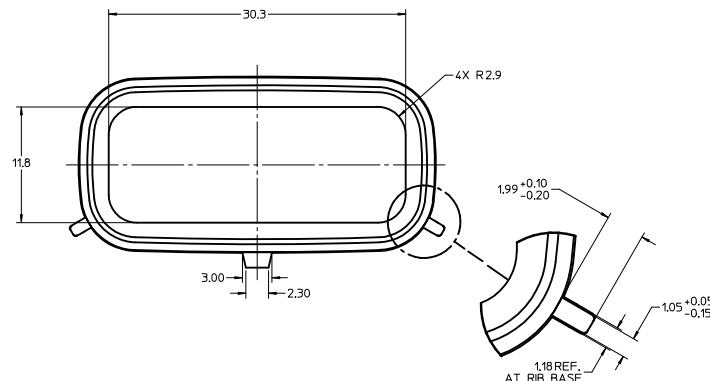
KEYING OPTION "B"
SUGGESTED COLOR: GREY



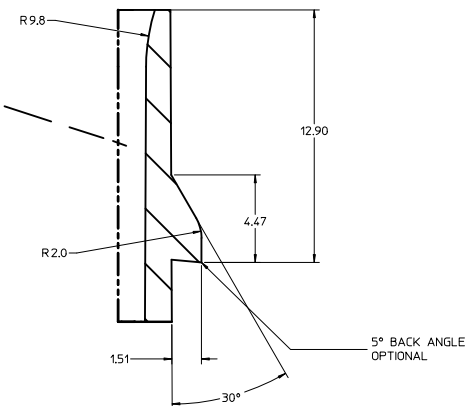
KEYING OPTION "C"
SUGGESTED COLOR: BROWN



KEYING OPTION "D"
SUGGESTED COLOR: GREEN



SECTION Z-Z
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.

ADDED PLUG ASSY EC NO: UCP2011-2680 DRAWN BY: DRWNDRSCA CHKD: APPR: JCOMERCL REV	DESCRIPTION 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	APPLICATION SPEC 2X8 MX150 HEADER SHROUD DETAILS
			mm INCH		DRAWN BY DATE05/10/2006 J JANTELEZ J 0 05/10/2006					
			4 PLACES ± --- ± ---		CHECKED BY DATE TMCLELL 05/10/2006					
			3 PLACES ± --- ± ---		APPROVED BY DATE BANAKIS 05/10/2006					
		2 PLACES ± 0.01 ± ---				MOLEX MOLEX INCORPORATED				
		1 PLACE ± 0.2 ± ---								
		ANGULAR ±1/2°		MATERIAL NO. 75757-2080		DOCUMENT NO. AS-75757-208		SHEET NO. 1 OF 2		
		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						

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

M

L

K

J

I

H

G

F

E

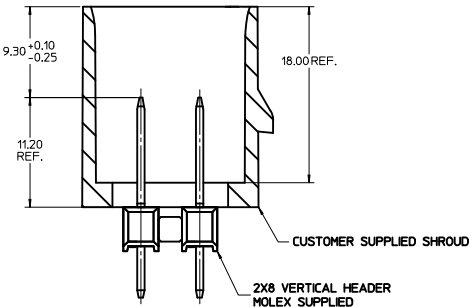
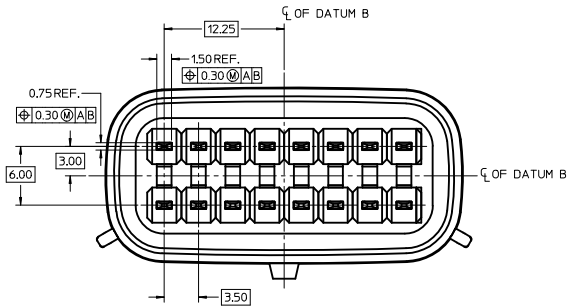
D

C

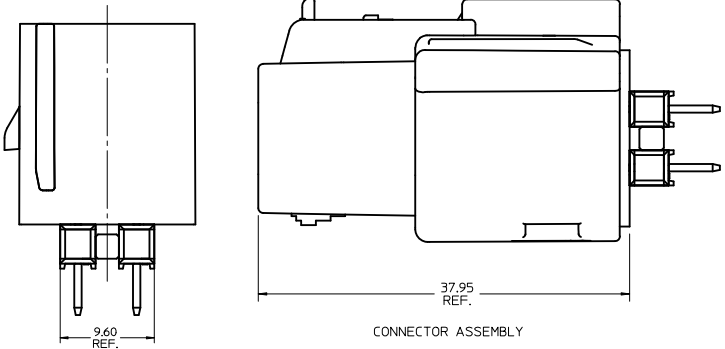
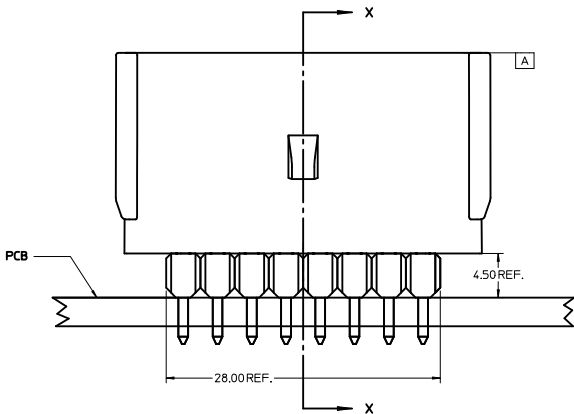
B

A

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.



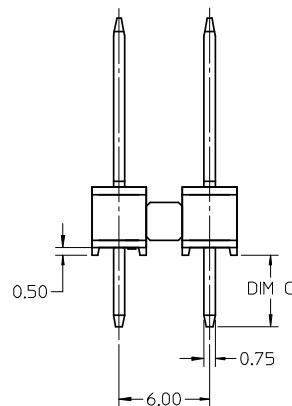
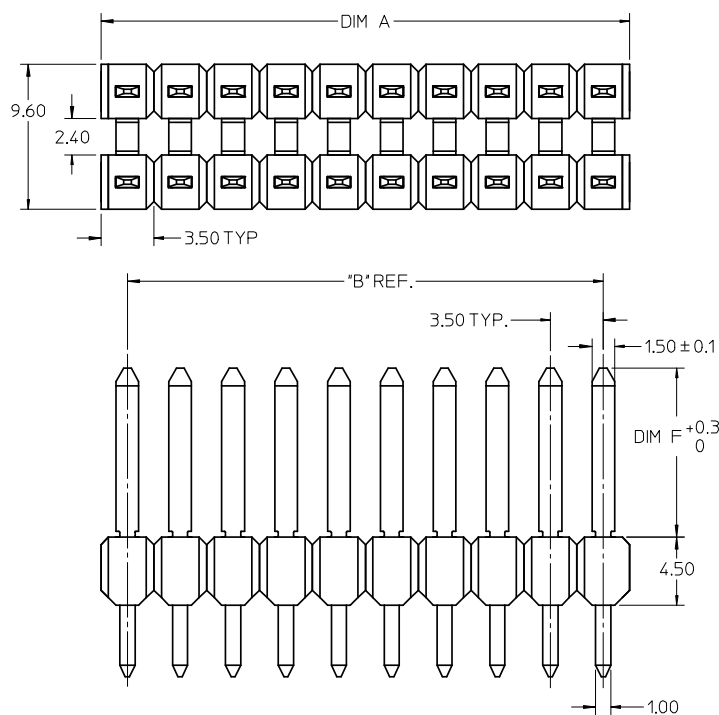
SECTION X-X



HEADER APPLICATION DETAILS

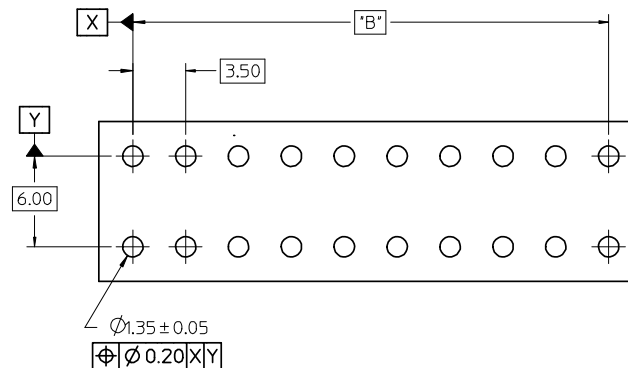
SEE SHT 1 EC NO: UCP2011-2680 DRAWN BY: J.JANTELEZIO CHECKED BY: TMCLELL APPROVED BY: BANAKIS DATE: 2011/03/04 DATE: 05/10/2006 DATE: 05/10/2006	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.01 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM ONLY DRAWN BY DATE J.JANTELEZIO 05/10/2006 CHECKED BY DATE TMCLELL 05/10/2006 APPROVED BY DATE BANAKIS 05/10/2006	SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	APPLICATION SPEC 2X8 MX150 HEADER SHROUD DETAILS	 MOLEX INCORPORATED	SHEET NO. 2 OF 2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. 75757-2080		DOCUMENT NO. AS-75757-208				
SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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: DRWSCA 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 TMCCELL	DATE 1/18/05	TITLE MX150 DUAL ROW BREAK-AWAY VERTICAL HEADER ASSEMBLY					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---	TMCCELL	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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
						C							

[illegible]