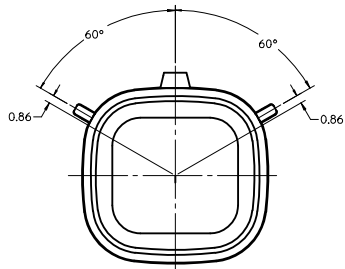
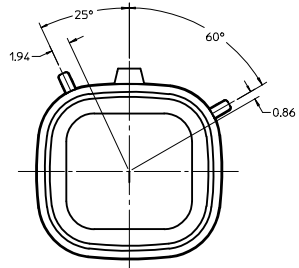


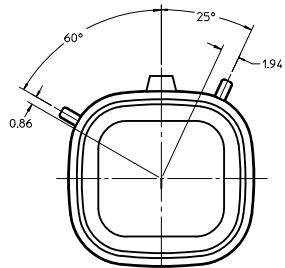
CUSTOMER SHROUD DESIGN DETAILS



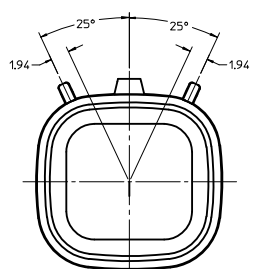
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



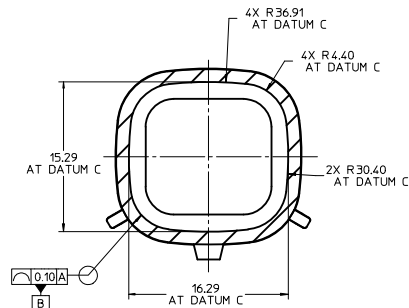
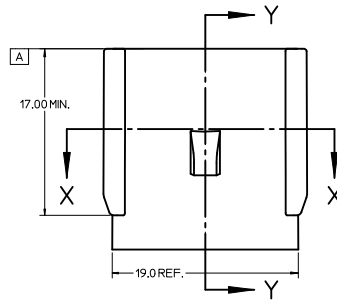
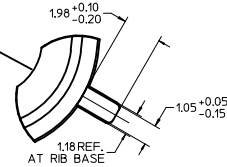
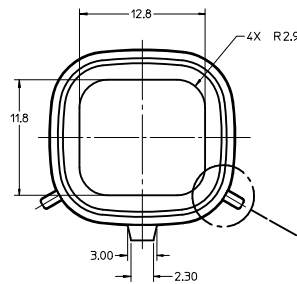
KEYING OPTION "B"
SUGGESTED COLOR: GREY



KEYING OPTION "C"
SUGGESTED COLOR: BROWN



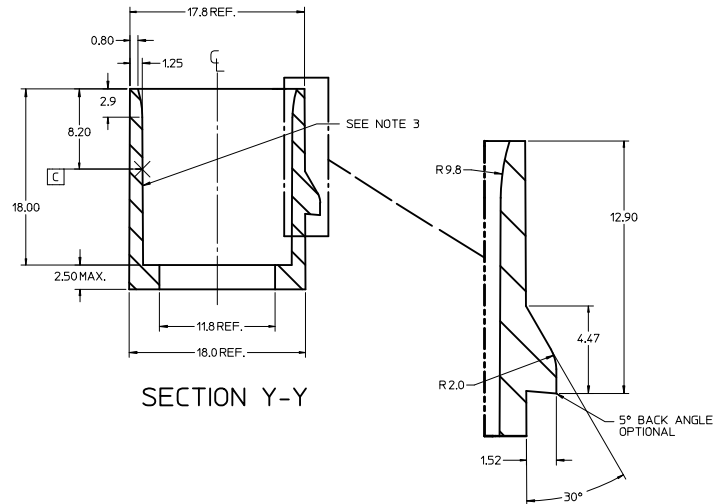
KEYING OPTION "D"
SUGGESTED COLOR: GREEN



SECTION X-X

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 Y-Y

ADDED PLUG ASSY EC NO: UCP2011-2680 CHXO: DRWNDRSCA APP: JCOMERCL 2011/03/07 2011/03/07	QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES ±</td><td>---</td><td>---</td></tr><tr><td>3 PLACES ±</td><td>---</td><td>---</td></tr><tr><td>2 PLACES ±</td><td>0.01</td><td>---</td></tr><tr><td>1 PLACE ±</td><td>0.2</td><td>---</td></tr></table>			mm	INCH	4 PLACES ±	---	---	3 PLACES ±	---	---	2 PLACES ±	0.01	---	1 PLACE ±	0.2	---	DIMENSION STYLE MM ONLY		SCALE 4:1		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION	
		mm	INCH																								
	4 PLACES ±	---	---																								
	3 PLACES ±	---	---																								
2 PLACES ±	0.01	---																									
1 PLACE ±	0.2	---																									
		ANGULAR ±1/2°		DRAWN BY TMCLELL		DATE 2006/04/26		APPLICATION SPEC 2X3 MX150 HEADER SHROUD DETAILS																			
				CHECKED BY TMCLELL		DATE 2006/04/26																					
				APPROVED BY BANAKIS		DATE 2006/04/28		 MOLEX INCORPORATED																			
				MATERIAL NO. 75757-2030		DOCUMENT NO. AS-75757-203						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

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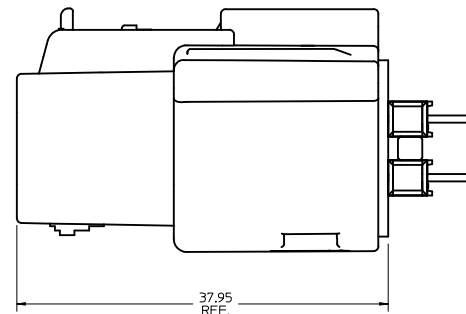
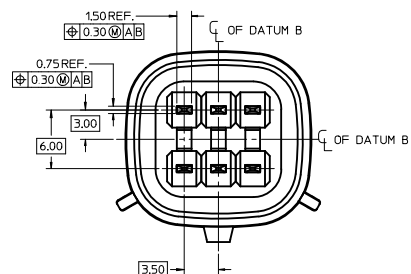
C

B

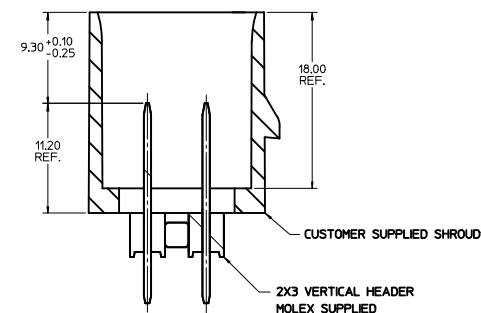
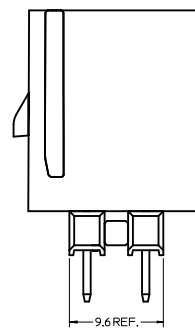
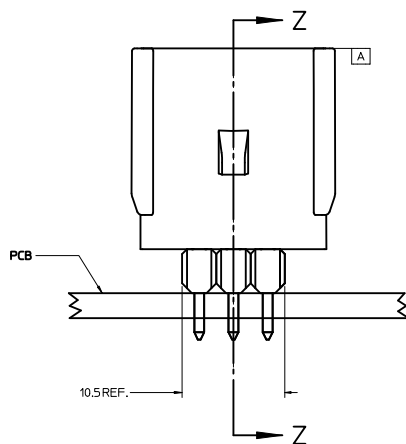
A

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.



CONNECTOR ASSEMBLY

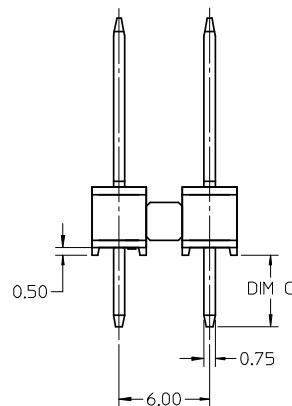
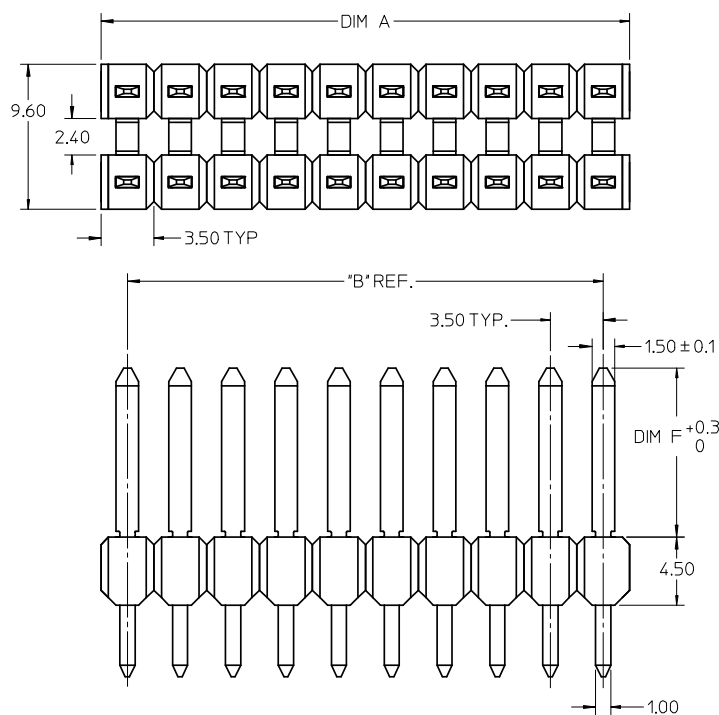


SECTION Z-Z

HEADER APPLICATION DETAILS

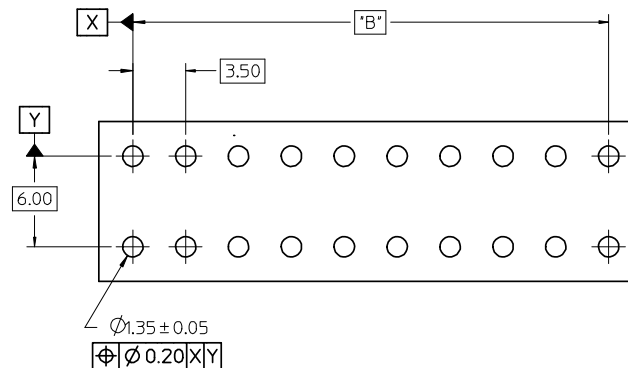
SEE SHEET 1 EC NO: UCP2011-2680 DRAWN BY: DRWNDRSCA CHKD: CHYD APPR: JCOMERCL 2011/03/04 2011/03/07	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
						TITLE			
		4 PLACES	±	mm	INCH	DRAWN BY TMCLELL	DATE 2006/04/26		APPLICATION SPEC 2X3 MX150 HEADER SHROUD DETAILS  MOLEX INCORPORATED
		3 PLACES	±			CHECKED BY	DATE		
		2 PLACES	±			TMCLELL	2006/04/26		
		1 PLACE	±			APPROVED BY	DATE		
ANGULAR ± 1/2°		BANAKIS		2006/04/28					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 75757-2030		DOCUMENT NO. AS-75757-203		SHEET NO. 2 OF 2			
		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: 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 		
						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				
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-75757-002		1 OF 2		
REV			SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

[illegible]