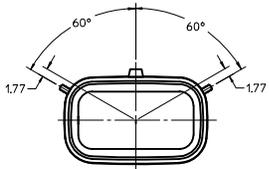
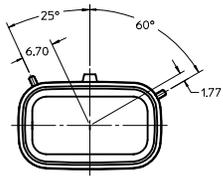


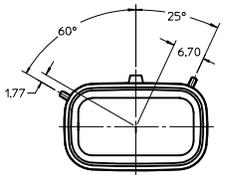
CUSTOMER SHROUD DESIGN DETAILS



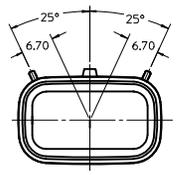
KEYING OPTION 'A'
SUGGESTED COLOR: BLACK



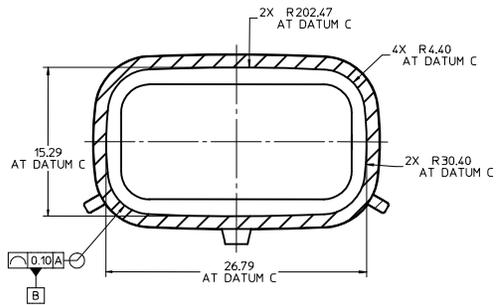
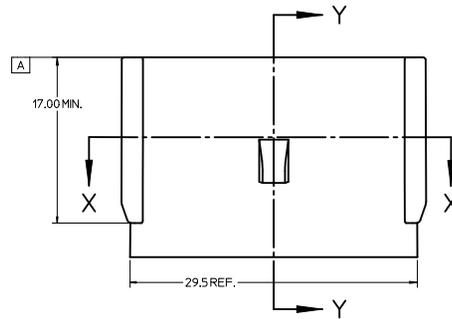
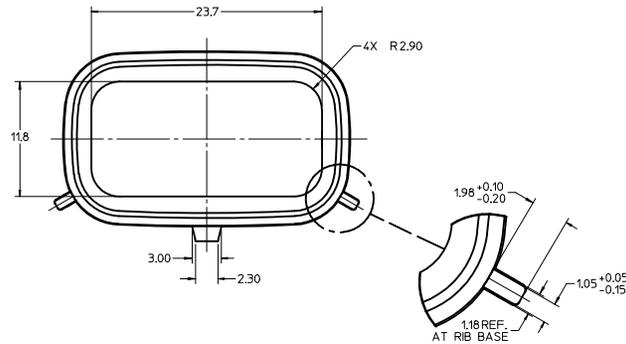
KEYING OPTION 'B'
SUGGESTED COLOR: GREY



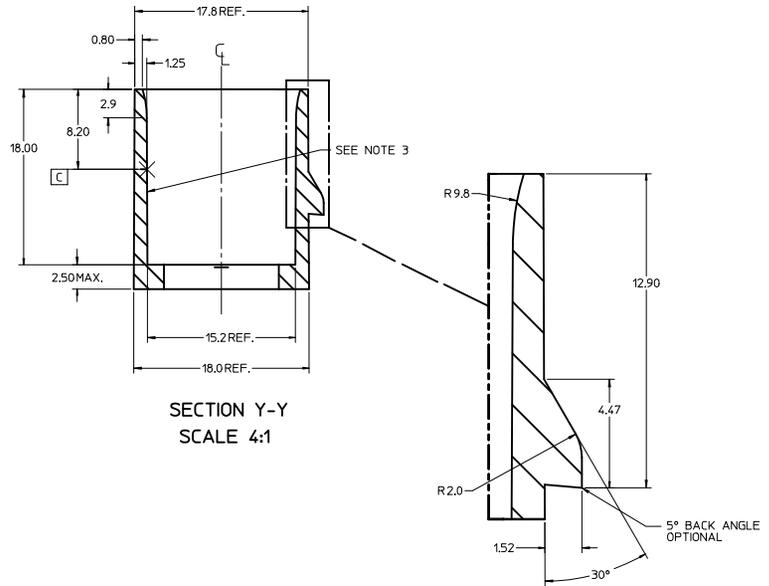
KEYING OPTION 'C'
SUGGESTED COLOR: BROWN



KEYING OPTION 'D'
SUGGESTED COLOR: GREEN



SECTION X-X
SCALE 4:1

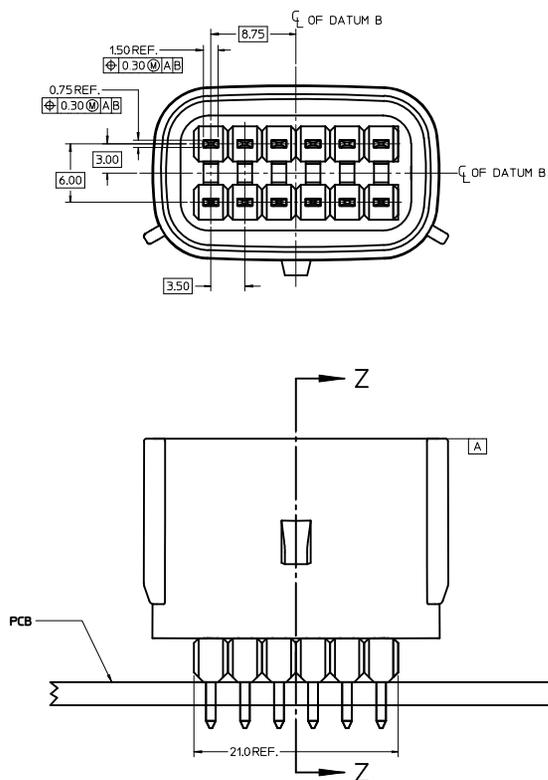


SECTION Y-Y
SCALE 4:1

NOTES:

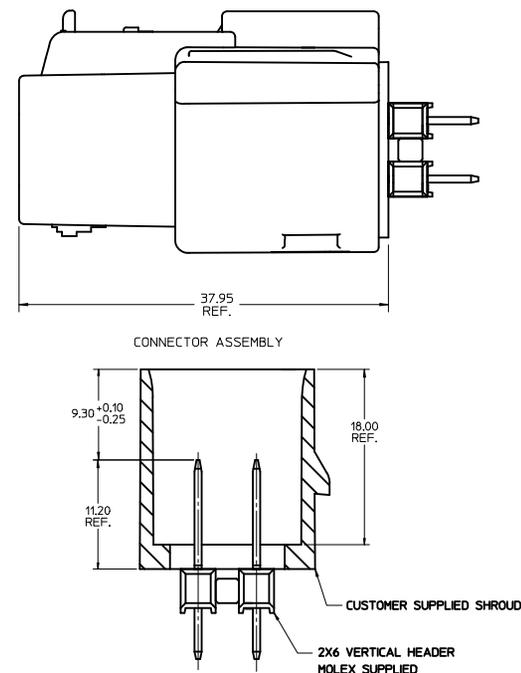
- REFER TO MOLEX SALES DRAWING SD-75757-002 FOR THE HEADER ASSEMBLY PRODUCT DETAILS AND RECOMMENDED PCB LAYOUT.
- KEYING OPTIONS A-D AND SUGGESTED COLORS COMPLY TO THE POLARIZATION STANDARDS ESTABLISHED FOR MATING WITH A MX150 FEMALE CONNECTOR.
- INTERIOR SHROUD SURFACE MUST BE FREE OF DEFECTS AND PARTING LINES ALL AROUND TO ENSURE PROPER SEALING OF THE MATING MX150 FEMALE CONNECTOR.
- 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.
- PERMISSIBLE DRAFT ANGLE 0.25° MAXIMUM.
- RADII ON ALL CORNERS SHOWN SHARP OR ALL UNSPECIFIED RADII 0.25 EXCEPT AS NOTED.
- 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 CHYD: APPR: JCOMERCL 2011/03/07 2011/03/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ±1/2°	MM ONLY DRAWN BY DATE TMCCLELL 03/29/06 CHECKED BY DATE TMCCLELL 03/29/06 APPROVED BY DATE BANAKIS 03/30/06	2:1	METRIC	APPLICATION SPEC 2X6 MX150 HEADER SHROUD DETAILS
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 75757-2060	DOCUMENT NO. AS-75757-206	MOLEX INCORPORATED	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				



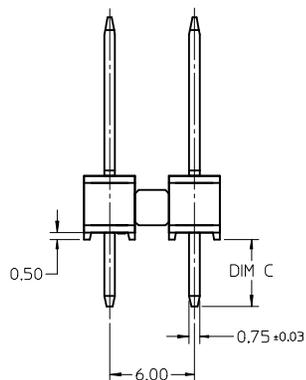
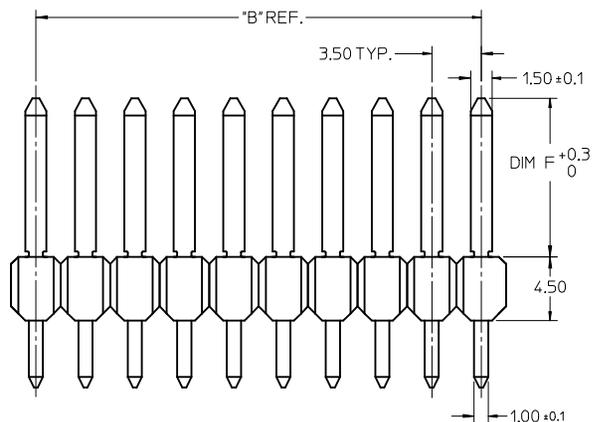
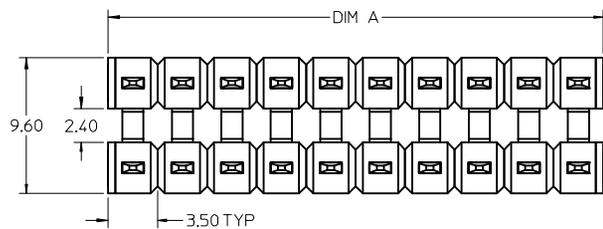
HEADER APPLICATION DETAILS

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.



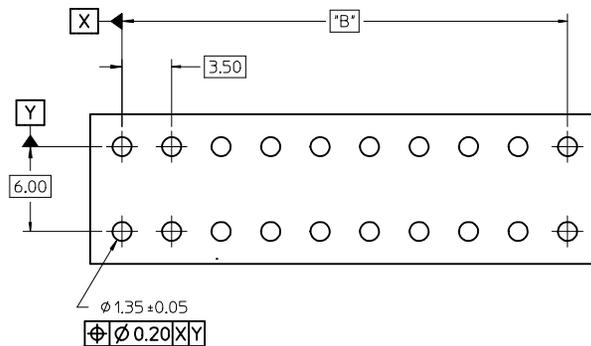
SECTION Z-Z

SEE SHEET 1 IEC NO. UCF2011-2680 DRAWN BY: DRWN:DROSCA CHKD: APPR.: JCOMERCL 2011/03/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES \pm --- \pm --- 3 PLACES \pm --- \pm --- 2 PLACES ± 0.10 \pm --- 1 PLACE ± 0.2 \pm --- ANGULAR $\pm 1/2^\circ$	MM ONLY	4:1	METRIC	DRAWN BY DATE TMCLELL 03/29/06 CHECKED BY DATE TMCLELL 03/29/06 APPROVED BY DATE BANAKIS 03/30/06
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 75757-2060		DOCUMENT NO. AS-75757-206		APPLICATION SPEC 2X6 MX150 HEADER SHROUD DETAILS MOLEX INCORPORATED SHEET NO. 2 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



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 - 1.54µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
 - OPTION 1 - 2.54µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
 - OPTION 2 - 1.25µm NICKEL OVERALL 2.54µm MIN SELECT MATTE TIN PC TAIL AREA 0.05-0.25µm SELECT GOLD CONTACT AREA
 - OPTION 3 - 1.25µm NICKEL OVERALL 2.54µm MIN SELECT MATTE TIN PC TAIL AREA 0.75µm SELECT GOLD CONTACT AREA
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-340.



RECOMMENDED PCB LAYOUT

PK SPEC UPDATED EC NO: 12016-0115 DRWN: BR02 CHKD: APPR: KPRASAD 2016/05/16 2016/06/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	MM ONLY	4:1	METRIC		
	▽=0	4 PLACES ± ---	± ---	DRAWN BY	DATE	TITLE		
	▽=0	3 PLACES ± ---	± ---	TMCCLELL	1/18/05	MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY		
		2 PLACES ± 0.13	± ---	CHECKED BY	DATE			
		1 PLACE ± 0.25	± ---	TMCCLELL	1/18/05			
		0 PLACE ±	±	APPROVED BY	DATE	DOCUMENT NO.		
				BANAK I S	1/18/05	SD-75757-002		
		ANGULAR ± 1/2°		MATERIAL NO.	SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		1 OF 2		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

