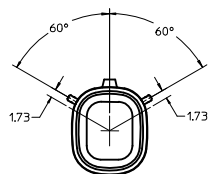
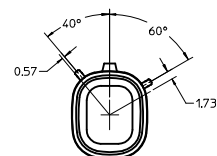


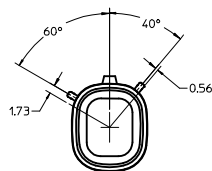
CUSTOMER SHROUD DESIGN DETAILS



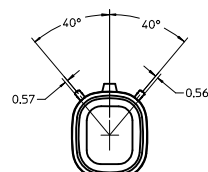
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



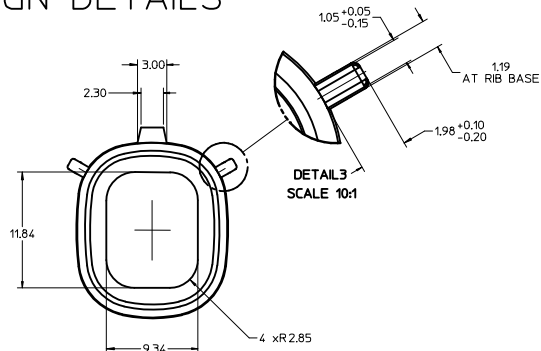
KEYING OPTION "B"
SUGGESTED COLOR: GREY



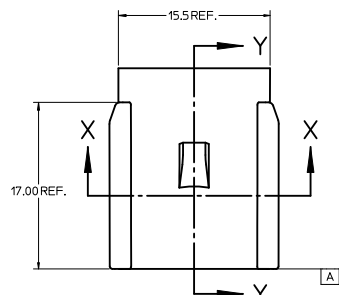
KEYING OPTION "C"
SUGGESTED COLOR: BROWN



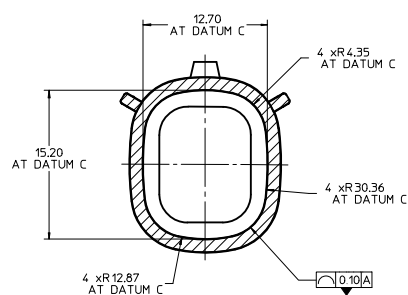
KEYING OPTION "D"
SUGGESTED COLOR: GREEN



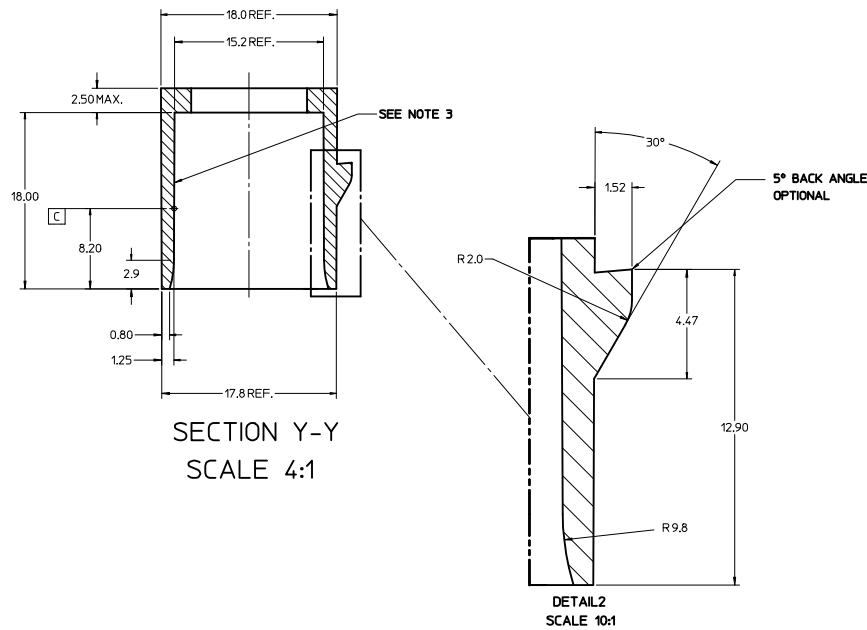
DETAIL 3
SCALE 10:1



SECTION X-X
SCALE 4:1



SECTION Y-Y
SCALE 4:1



DETAIL 2
SCALE 10:1

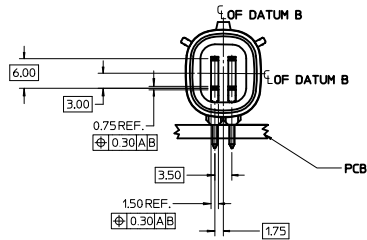
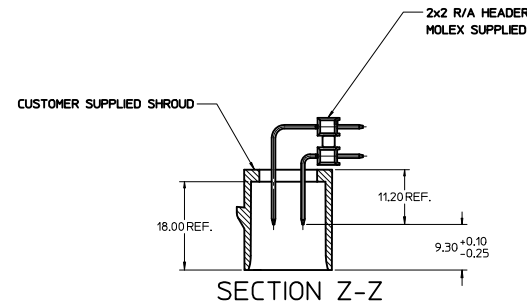
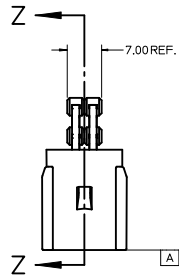
- NOTES:
1. REFER TO MOLEX SALES DRAWING SD-75900-001 FOR THE R/A HEADER ASSEMBLY PRODUCT DETAILS AND RECOMMENDED PCB LAYOUT.
 2. KEYING OPTIONS A-D AND SUGGESTED COLORS COMPLY TO THE POLARIZATION STANDARDS ESTABLISHED FOR MATING WITH A MX150 FEMALE CONNECTOR.
 3. INTERIOR SHROUD SURFACE MUST BE FREE 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\0.14\0.048\0.015 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.

CHANGE CLASS IEC NO: UCP2012-0866 DRAWN BY: DROSCA CHECKED BY: JCOMERCI APPR: JCOMERCI DATE: 2011/09/16	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± ---	mm INCH ± --- ± --- ± 0.10 ± --- ± 0.2 ± ---	DRAWN BY: DROSCA DATE: 06/21/2007 CHECKED BY: JCOMERCI DATE: 06/21/2007 APPROVED BY: JCOMERCI DATE: 06/21/2007			
		ANGULAR ±1/2°		MATERIAL NO: 75900-2020	DOCUMENT NO: AS-75900-202		
		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			

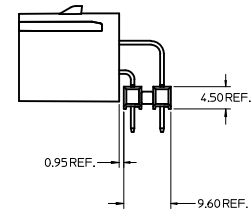
APPLICATION SPEC
2X2 MX150 R/A HEADER
SHROUD DETAILS

MOLEX INCORPORATED

SHEET NO.
1 OF 2

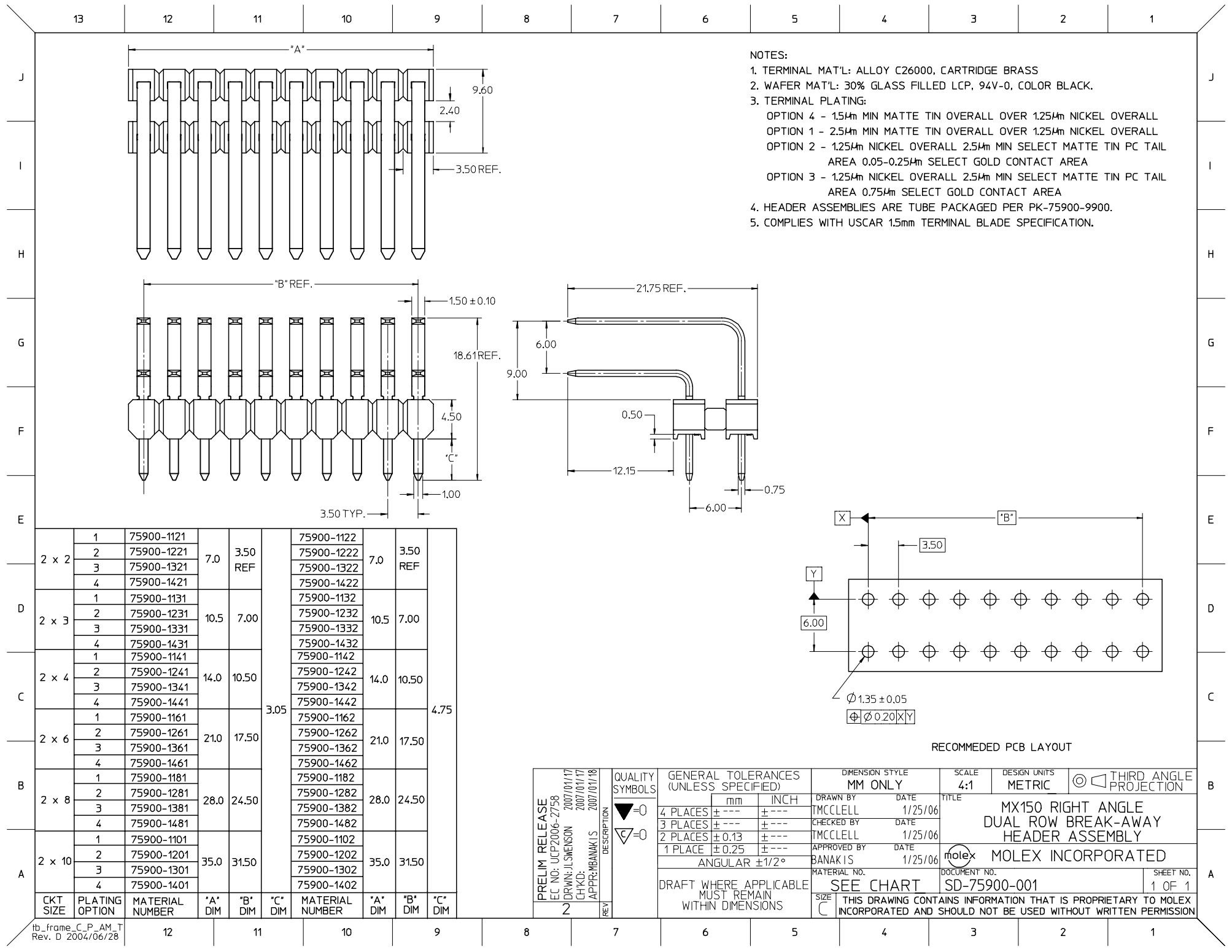


HEADER APPLICATION DETAILS



- NOTES:
- ADHERENCE TO THE HEADER APPLICATION DETAILS IS IMPERATIVE TO ENSURE PROPOER SHROUD SEALING AND CONTACT ALIGNMENT WHEN MATED WITH A MX150 FEMALE CONNECTOR.

ENTER DESCRIPTION EC NO: UCF2012-0866 DRAWN BY: DROSCA CHKD: CHYD APPR: JCOMERCI REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				DRAWN BY DROSCA		DATE 06/21/2007	TITLE APPLICATION SPEC 2X2 MX150 R/A HEADER SHROUD DETAILS  MOLEX INCORPORATED			
		4 PLACES ± --- ± ---		CHECKED BY JCOMERCI		DATE 06/21/2007				
		3 PLACES ± --- ± ---		APPROVED BY JCOMERCI		DATE 06/21/2007				
		2 PLACES ± 0.10 ± ---		MATERIAL NO. 75900-2020		DOCUMENT NO. AS-75900-202				
		1 PLACE ± 0.2 ± ---								
		ANGULAR ± 1/2°		SIZE D		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						



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-75900-9900.
5. COMPLIES WITH USCAR 1.5mm TERMINAL BLADE SPECIFICATION.

RECOMMENDED PCB LAYOUT

PRELIM RELEASE EC NO: UCP2006-2758 DRAWN: J. SWENSON 2007/01/17 CHKD: 2007/01/17 APPR: MBANAKIS 2007/01/18	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM ONLY DRAWN BY DATE TMCCLLELL 1/25/06 CHECKED BY DATE TMCCLLELL 1/25/06 APPROVED BY DATE BANAKIS 1/25/06 MATERIAL NO. SEE CHART SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 4:1 TITLE MX150 RIGHT ANGLE DUAL ROW BREAK-AWAY HEADER ASSEMBLY MOLEX INCORPORATED DOCUMENT NO. SD-75900-001 SHEET NO. 1 OF 1	DESIGN UNITS METRIC THIRD ANGLE PROJECTION