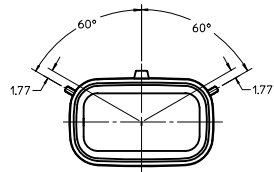
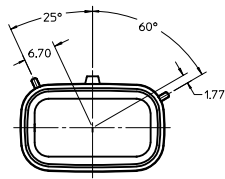


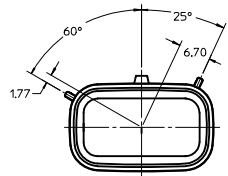
CUSTOMER SHROUD DESIGN DETAILS



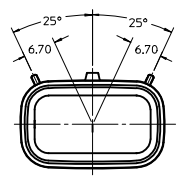
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



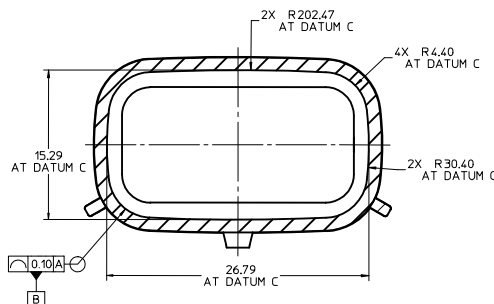
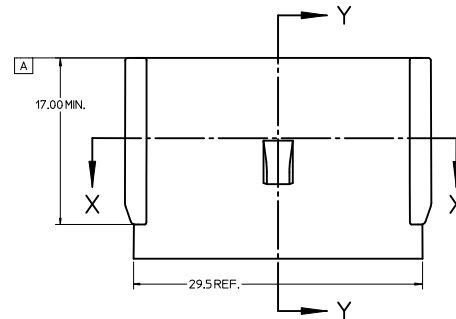
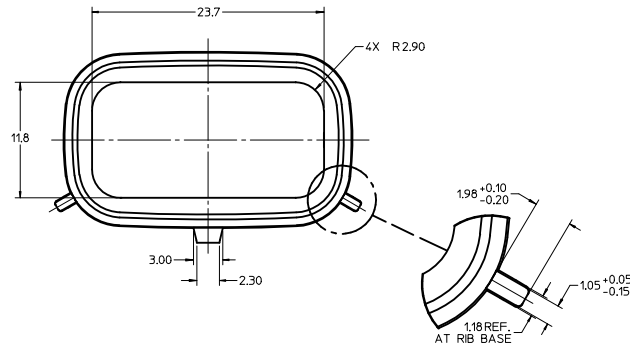
KEYING OPTION "B"
SUGGESTED COLOR: GREY



KEYING OPTION "C"
SUGGESTED COLOR: BROWN



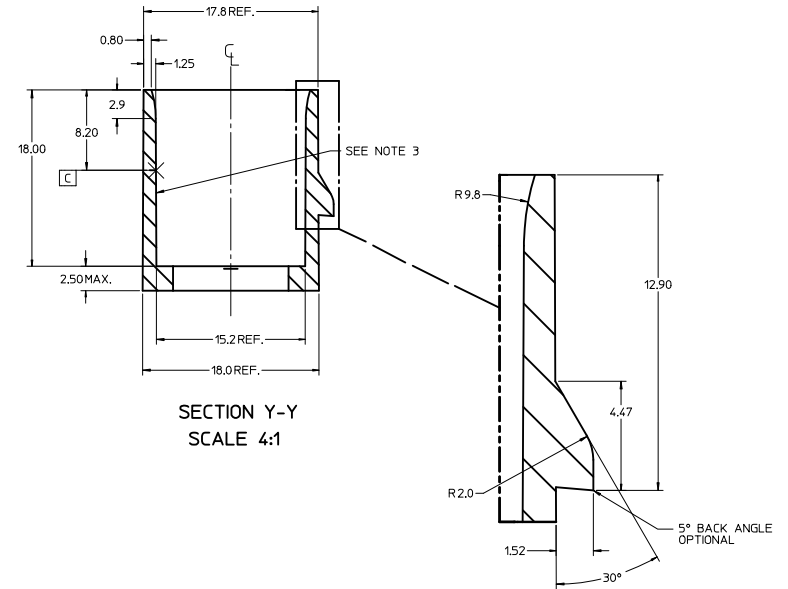
KEYING OPTION "D"
SUGGESTED COLOR: GREEN



SECTION X-X
SCALE 4:1

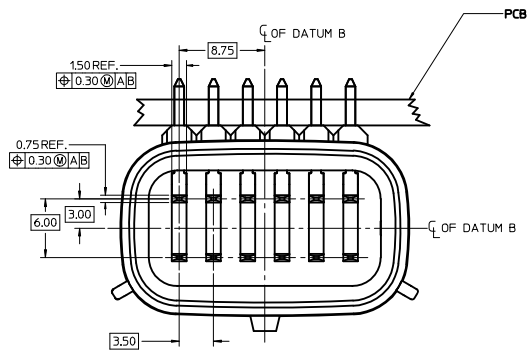
NOTES:

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° 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.

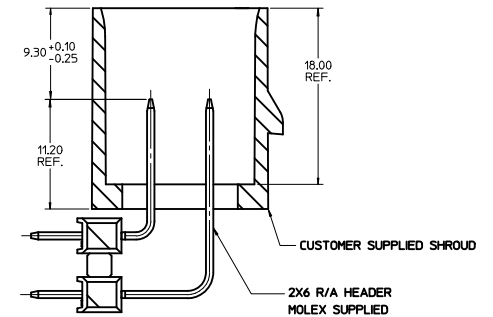
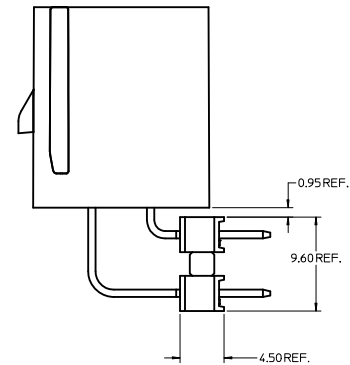
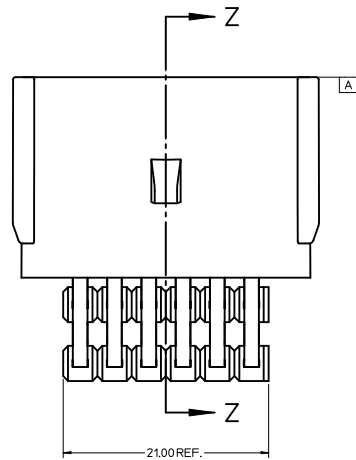


SECTION Y-Y
SCALE 4:1

CHANGE CLASS IEC NO: UCP2012-0866 DRAWN BY: DRWNOROSCA CHKO: 2011/09/16 APPR: JCOMERCL 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	DRAWN BY: TMCCLLELL DATE: 04/03/07 CHECKED BY: TMCCLLELL DATE: 04/03/07 APPROVED BY: BANAKIS DATE: 04/03/07	MATERIAL NO: 75900-2060	DOCUMENT NO: AS-75900-206	SHEET NO: 1 OF 2
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPLICATION SPEC 2X6 MX150 R/A HEADER SHROUD DETAILS			
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		MOLEX INCORPORATED			

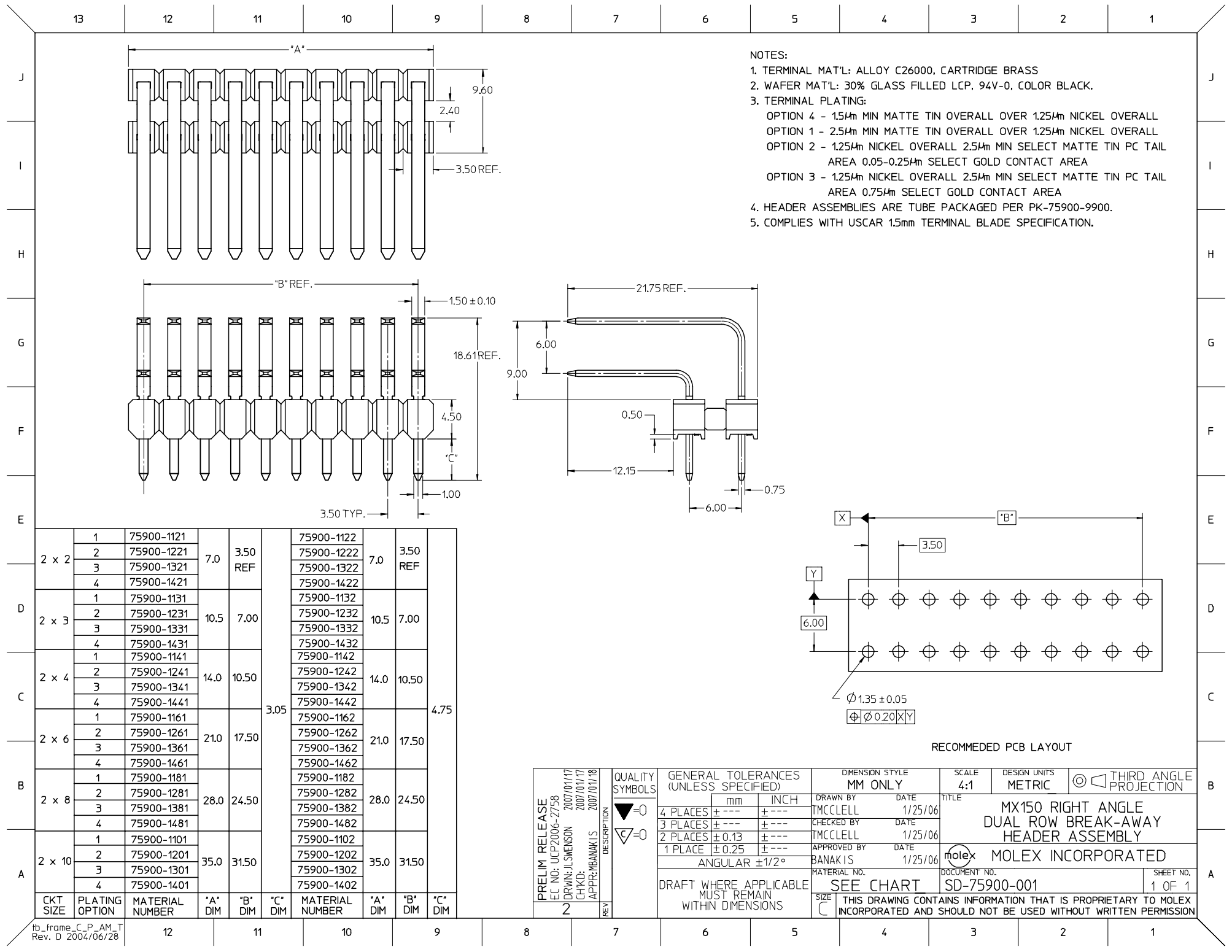


NOTES:
1. ADHERENCE TO THE HEADER APPLICATION DETAILS IS IMPERATIVE TO ENSURE PROPER SHROUD SEALING AND CONTACT ALIGNMENT WHEN MATED WITH A MX150 FEMALE CONNECTOR.



HEADER APPLICATION DETAILS

SEE SHEET 1 EC NO: UCF2012-0866 DRAWN BY: DRWNDRSCA CHKD: CHYD APPR: JCOMERCL DATE: 2011/09/16	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 TMCCLLELL	DATE 04/03/07	TITLE APPLICATION SPEC 2X6 MX150 R/A HEADER SHROUD DETAILS MOLEX INCORPORATED	
		4 PLACES ±	---	---	CHECKED BY TMCCLLELL	DATE 04/03/07		
		3 PLACES ±	---	---	APPROVED BY BANAKIS	DATE 04/03/07		
		2 PLACES ±	0.10	---	MATERIAL NO. 75900-2060			
1 PLACE ±	0.2	---	DOCUMENT NO. AS-75900-206		SHEET NO. 2 OF 2			
ANGULAR ±1/2°								
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.

2 x 2	1	75900-1121	7.0	3.50 REF	3.05	75900-1122	7.0	3.50 REF	4.75
	2	75900-1221				75900-1222			
	3	75900-1321				75900-1322			
	4	75900-1421				75900-1422			
2 x 3	1	75900-1131	10.5	7.00		75900-1132	10.5	7.00	
	2	75900-1231				75900-1232			
	3	75900-1331				75900-1332			
	4	75900-1431				75900-1432			
2 x 4	1	75900-1141	14.0	10.50		75900-1142	14.0	10.50	
	2	75900-1241				75900-1242			
	3	75900-1341				75900-1342			
	4	75900-1441				75900-1442			
2 x 6	1	75900-1161	21.0	17.50		75900-1162	21.0	17.50	
	2	75900-1261				75900-1262			
	3	75900-1361				75900-1362			
	4	75900-1461				75900-1462			
2 x 8	1	75900-1181	28.0	24.50	75900-1182	28.0	24.50		
	2	75900-1281			75900-1282				
	3	75900-1381			75900-1382				
	4	75900-1481			75900-1482				
2 x 10	1	75900-1101	35.0	31.50	75900-1102	35.0	31.50		
	2	75900-1201			75900-1202				
	3	75900-1301			75900-1302				
	4	75900-1401			75900-1402				
CKT SIZE	PLATING OPTION	MATERIAL NUMBER	"A" DIM	"B" DIM	"C" DIM	MATERIAL NUMBER	"A" DIM	"B" DIM	"C" DIM

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	DESIGN UNITS METRIC THIRD ANGLE PROJECTION
2	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			