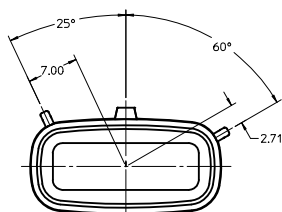
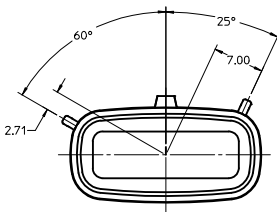


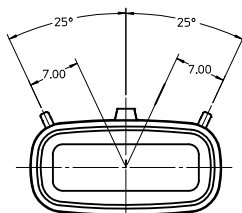
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



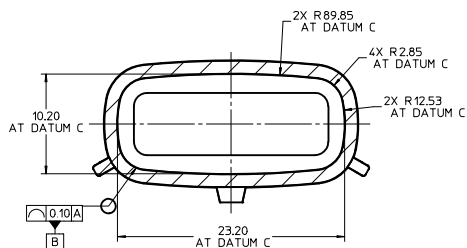
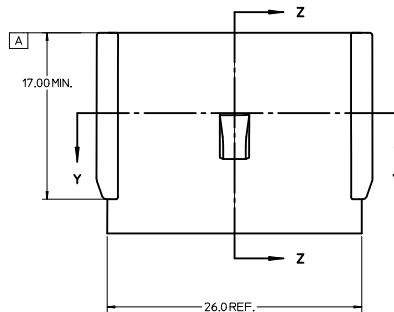
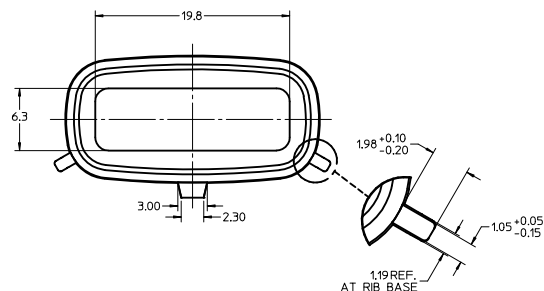
KEYING OPTION "B"
SUGGESTED COLOR: GREY



KEYING OPTION "C"
SUGGESTED COLOR: BROWN



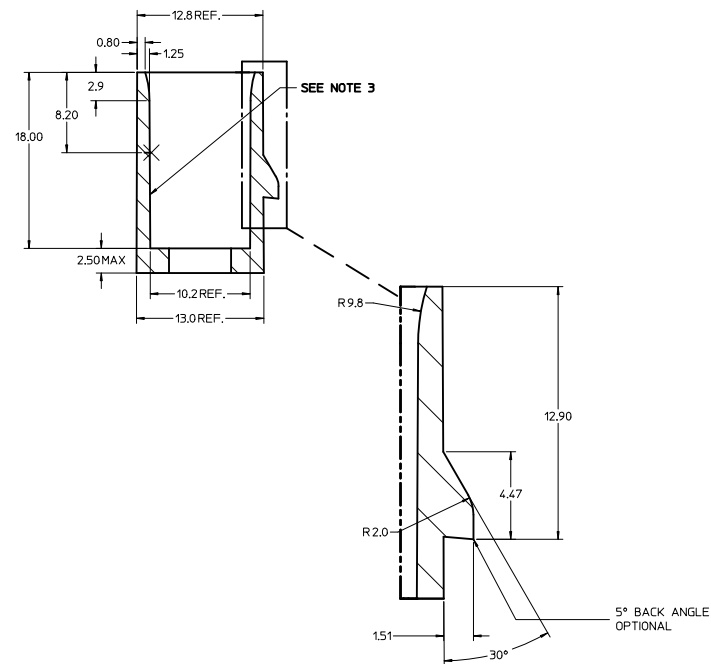
KEYING OPTION "D"
SUGGESTED COLOR: GREEN



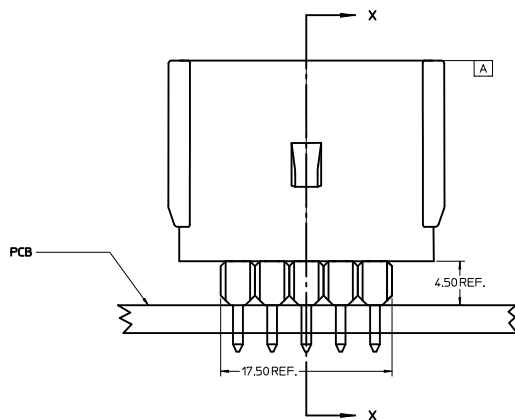
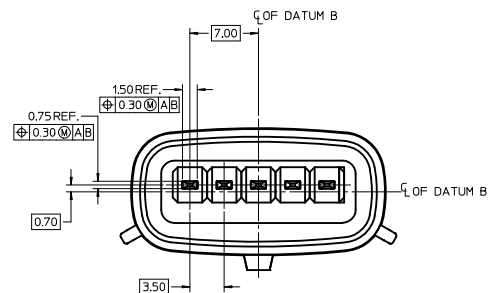
SECTION Y-Y

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.

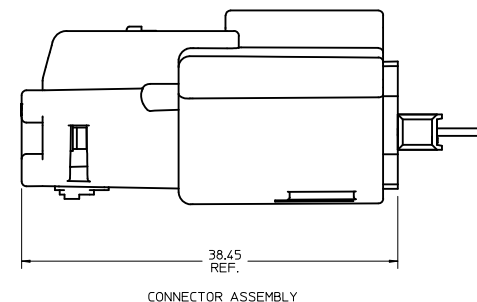
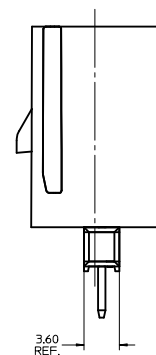
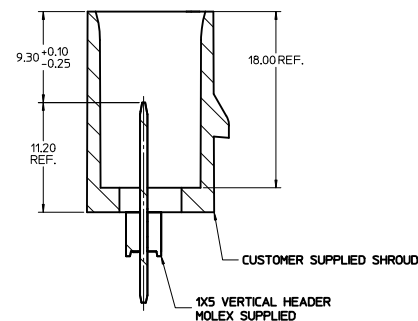


ADDED PLUG ASSY EC NO: UCP2011-2680 DRAWN BY: DRWNDRSCA CHKD: CHXD APPR: JCOMERCL REV	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm		INCH		DRAWN BY JJANTELEZ10	DATE 5/15/06	TITLE APPLICATION SPEC 1X5 MX150 HEADER SHROUD DETAILS			
		4 PLACES ± ---		3 PLACES ± ---		CHECKED BY TMCLELL	DATE 5/15/06	MOLEX INCORPORATED			
		2 PLACES ± 0.01		1 PLACE ± 0.2		APPROVED BY BANAKIS	DATE 5/15/06				
ANGULAR ± 1/2°		MATERIAL NO. 75757-1050				DOCUMENT NO. AS-75757-105				SHEET NO. 1 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									



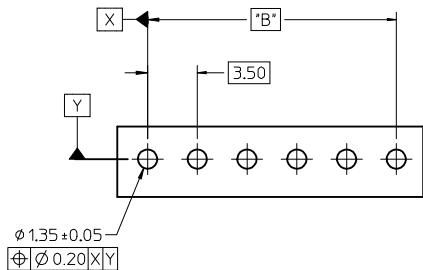
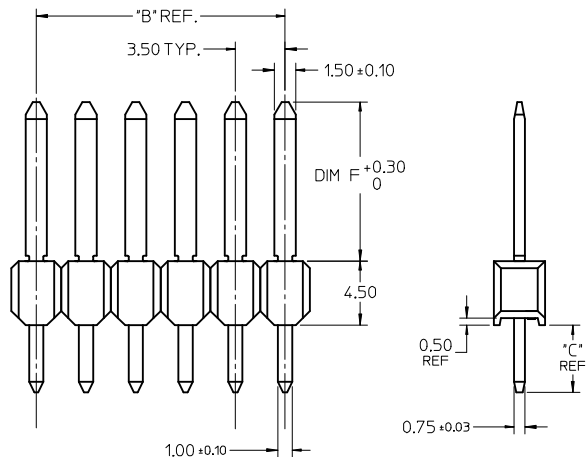
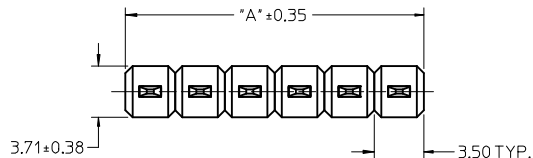
HEADER APPLICATION DETAILS

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



SEE SHT 1 IEC NO: UCP2011-2680 DRWN: DRSCA CHKD: APPR: JCOMERCL 2011/03/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm INCH		DRAWN BY JJANTELEZ10	DATE 5/15/06	TITLE	APPLICATION SPEC 1X5 MX150 HEADER SHROUD DETAILS	
	▽=0	4 PLACES ±	---	CHECKED BY TMCLELL	DATE 5/15/06	MOLEX MOLEX INCORPORATED		
		3 PLACES ±	---					
		2 PLACES ±	0.01					
		1 PLACE ±	0.2					
		ANGULAR ±1/2°		APPROVED BY BANAKIS	DATE 5/15/06			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 75757-1050		DOCUMENT NO. AS-75757-105		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				

13 12 11 10 9 8 7 6 5 4 3 2 1



RECOMMENDED PCB LAYOUT

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 1 - 2.5µm MIN MATTE TIN OVERALL OVER 1.50µm MIN. NICKEL OVERALL
 - OPTION 2 - 1.50µm MIN. NICKEL OVERALL 4.00µm MIN SELECT MATTE TIN PC TAIL AREA 0.05µm MIN SELECT GOLD CONTACT AREA
 - OPTION 3 - 1.50µm MIN. NICKEL OVERALL 4.00µm MIN SELECT MATTE TIN PC TAIL AREA 0.50µm MIN. SELECT GOLD CONTACT AREA
 - OPTION 4 - 1.5µm MIN MATTE TIN OVERALL OVER 1.50µm MIN. NICKEL OVERALL
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-342.
5. MAXIMUM SKIVING ALLOWED: 1mm.
6. MAXIMUM CUT-OFF BURR ALLOWED: 0.30mm.
7. MAXIMUM DIG MARK ALLOWED: 0.45mm.

		TOOLED				TOOLED				TOOLED				TOOLED				STATUS	
1 × 2	1	75757-0121			75757-0122			75757-0123			75757-0124			7	3.5				
	2	75757-0221			75757-0222			75757-0223			75757-0224								
	3	75757-0321			75757-0322			75757-0323			75757-0324								
	4	75757-0421			75757-0422			75757-0423			75757-0424								
1 × 3	1	75757-0131	11.20	3.05	75757-0132	11.20	4.75	75757-0133	16.09	3.05	75757-0134	13.35	3.05	10.5	7.00				
	2	75757-0231			75757-0232			75757-0233			75757-0234								
	3	75757-0331			75757-0332			75757-0333			75757-0334								
	4	75757-0431			75757-0432			75757-0433			75757-0434								
1 × 4	1	75757-0141	11.20	3.05	75757-0142	11.20	4.75	75757-0143	16.09	3.05	75757-0144	13.35	3.05	14.0	10.50				
	2	75757-0241			75757-0242			75757-0243			75757-0244								
	3	75757-0341			75757-0342			75757-0343			75757-0344								
	4	75757-0441			75757-0442			75757-0443			75757-0444								
1 × 5	1	75757-0151			75757-0152			75757-0153			75757-0154			17.5	14.00				
	2	75757-0251			75757-0252			75757-0253			75757-0254								
	3	75757-0351			75757-0352			75757-0353			75757-0354								
	4	75757-0451			75757-0452			75757-0453			75757-0454								
1 × 6	1	75757-0161			75757-0162			75757-0163			75757-0164			21.0	17.50				
	2	75757-0261			75757-0262			75757-0263			75757-0264								
	3	75757-0361			75757-0362			75757-0363			75757-0364								
	4	75757-0461			75757-0462			75757-0463			75757-0464								
CKT SIZE	PLATING OPTION	MATERIAL NUMBER	*F* DIM	*C* DIM	MATERIAL NUMBER	*F* DIM	*C* DIM	MATERIAL NUMBER	*F* DIM	*C* DIM	MATERIAL NUMBER	*F* DIM	*C* DIM	*A* DIM	*B* DIM				
USCAR NOTE REMOVED EC NO: 12015-0177 DRAWN BY: 2015/06/15 CHKD: 2015/07/02 APPR: 2015/07/21 K	REVISION	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE				SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION			
								MM ONLY				4:1		METRIC		◎ □			
								DRAWN BY DATE				TITLE MX150 SINGLE ROW UNSHROUDED VERTICAL HEADER ASSEMBLY molex							
								TMCLELL 1/24/06											
								CHECKED BY DATE											
								TMCLELL 1/24/06											
								APPROVED BY DATE											
								BANAKIS 1/24/06				DOCUMENT NO. SD-75757-010							
								MATERIAL NO.											
								SEE CHART											
				SIZE A2															
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															

12 11 10 9 8 7 6 5 4 3 2 1

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