

Excellent Integrated System Limited

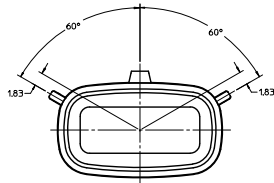
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

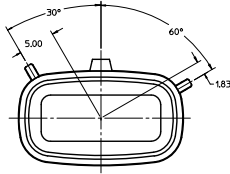
[Molex Connector Corporation](#)
[0757570441](#)

For any questions, you can email us directly:

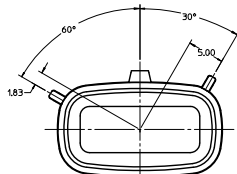
sales@integrated-circuit.com



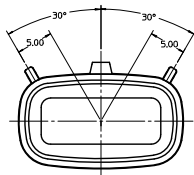
KEYING OPTION 'A'
SUGGESTED COLOR: BLACK



KEYING OPTION 'B'
SUGGESTED COLOR: GREY

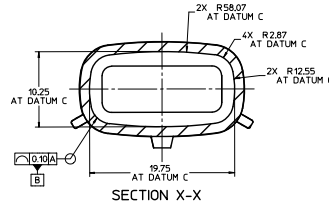
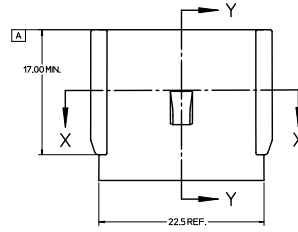
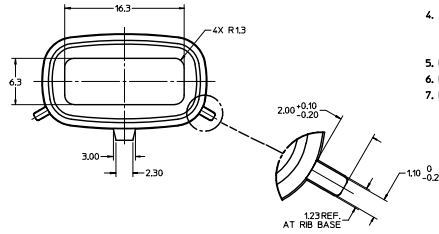


KEYING OPTION 'C'
SUGGESTED COLOR: BROWN



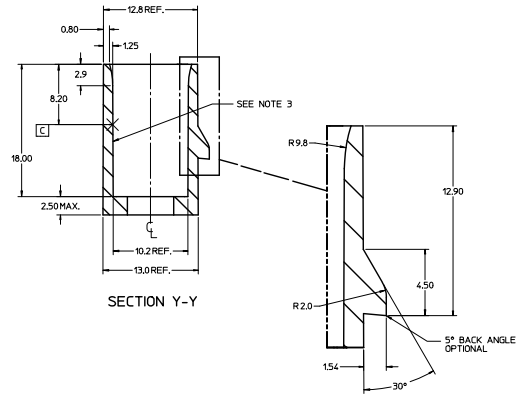
KEYING OPTION 'D'
SUGGESTED COLOR: GREEN

CUSTOMER SHROUD DESIGN DETAILS

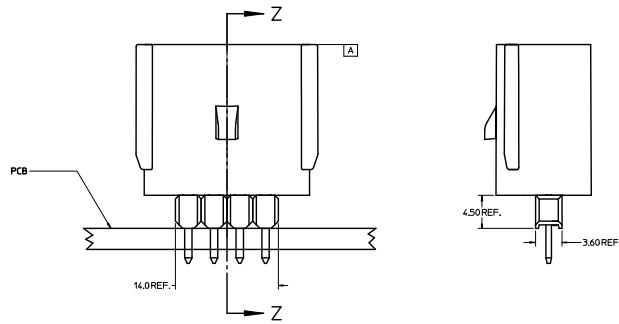
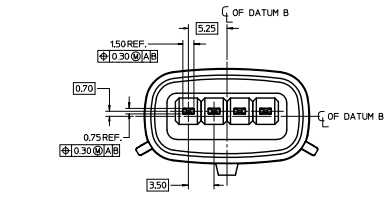


NOTES:

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. RADI ON ALL CORNERS SHOWN SHARP OR ALL UNSPECIFIED RADI 0.25 EXCEPT AS NOTED.
7. DIMENSIONS SHOWN ABOUT A CENTERLINE ARE SYMMETRICAL ABOUT THAT CENTERLINE WITHIN HALF THE SPECIFIED TOLERANCE.



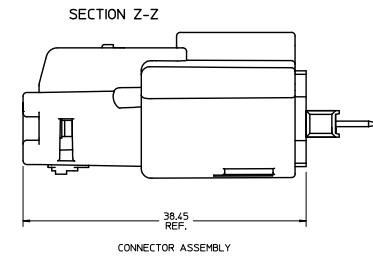
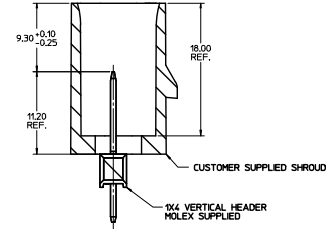
QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
▽=0	4 PLACES	mm	INCH	mm ONLY	DATE	4:1	METRIC	mm	INCH	mm	INCH
▽=0	3 PLACES	±0.05	±0.002	TMCLELL	03/30/2006						
▽=0	2 PLACES	±0.10	±0.004	CREED	03/30/2006						
▽=0	1 PLACE	±0.20	±0.008	TMCLELL	03/30/2006						
▽=0	ANGULAR	±1/2°	±0.008	APPROVED BY	DATE						
				SANK	03/31/2006						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				75757-1040		AS-75757-104		1		OF 2	
NOT TO BE REPRODUCED OR CONTAINED IN ANY MANNER THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											



HEADER APPLICATION DETAILS

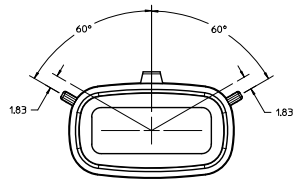
NOTES:

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

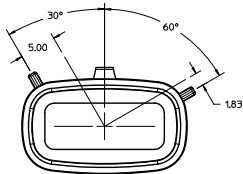


CONNECTOR ASSEMBLY

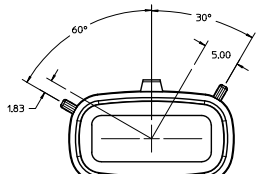
SEE SHEET 1 EC NO. UEP201-2680 D: 2011/03/04 CHKD: 2011/03/07 APPR: 2011/03/07 REV: 1	QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1/2°		DIMENSION STYLE MM ONLY		SCALE 4:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
	DRAWN BY: TMC/LELL CHECKED BY: DATE APPROVED BY: BANAKIS DATE: 3/30/2006		MATERIAL NO. 75757-1040		DOCUMENT NO. AS-75757-104		APPLICATION SPEC 1X4 MX150 HEADER SHROUD DETAILS		MOLEX INCORPORATED		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									



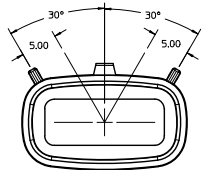
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



KEYING OPTION "B"
SUGGESTED COLOR: GREY

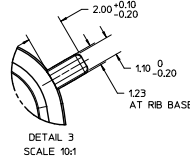
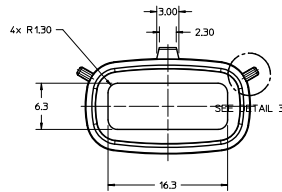


KEYING OPTION "C"
SUGGESTED COLOR: BROWN

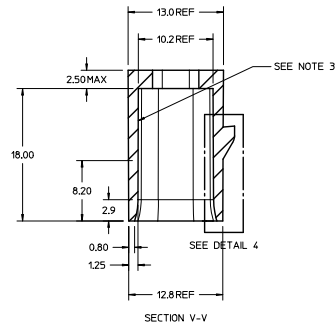
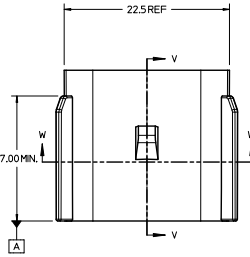


KEYING OPTION "D"
SUGGESTED COLOR: GREEN

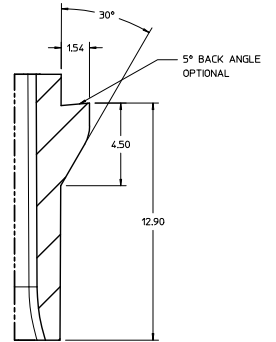
CUSTOMER SHROUD DESIGN DETAILS



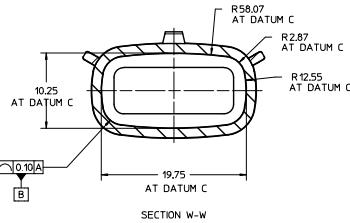
DETAIL 3
SCALE 10:1



SECTION V-V



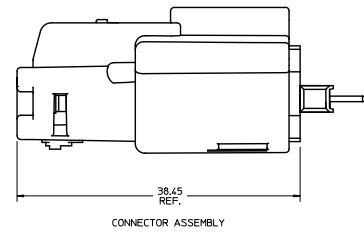
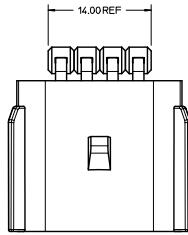
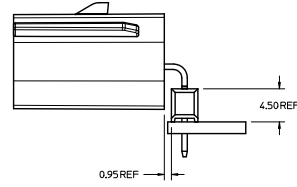
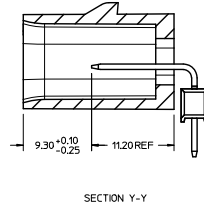
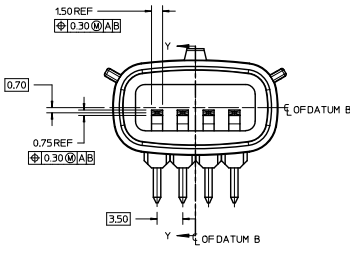
DETAIL 4
SCALE 10:1



SECTION W-W

INITIAL RELEASE ECL-00201-1537 DATE 01/04/2014 BY 20140417 REASON 20140417 APPROVED 20140417		QUALITY SYMBOLS  ▽		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION	
DESCRIPTION				4 PLACES ±0.05 ±0.002		DRAWN BY DATE		TITLE		APPLICATION SPEC 1X450 MX150 HEADER SHROUD DETAILS		 MOLEX INCORPORATED	
				3 PLACES ±0.10 ±0.004		CHECKED BY DATE							
				2 PLACES ±0.20 ±0.008		APPROVED BY DATE							
				1 PLACE ±0.50 ±0.020		MATERIAL NO. DOCUMENT NO.							
ANGULAR ±1/2°				759001040		AS-75900-104						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			

HEADER APPLICATION DETAILS

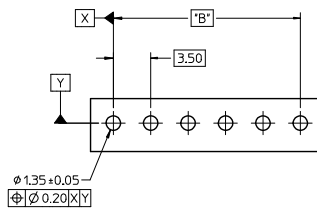
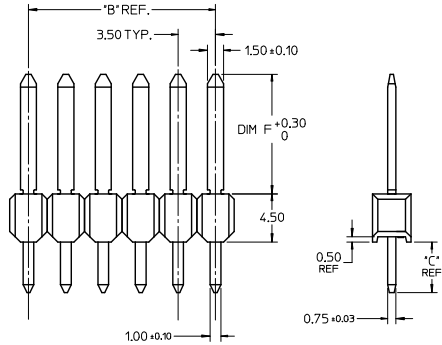
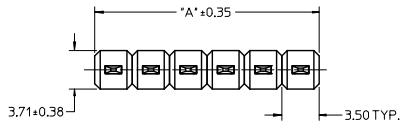


CONNECTOR ASSEMBLY

NOTES:

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

SEE SHEET 1 EC NO. 0757570441-3372 DRAWN BY: DROSCLA CHECKED BY: JCOMERC I APPROVED BY: JCOMERC I DATE: 2011/06/17 DATE: 2011/06/17 DATE: 2011/06/17	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		DRAWING STYLE FIRST ANGLE			DRAWN BY DROSCLA	DATE 2011/06/17	APPLICATION SPEC 1X4 MX150 SHROUD DETAILS		
		4 PLACES ± 0.10 ± 0.004			CHECKED BY JCOMERC I	DATE 2011/06/17	MOLEX INCORPORATED		
		3 PLACES ± 0.20 ± 0.008			APPROVED BY	DATE 2011/06/17			
		2 PLACES ± 0.30 ± 0.012			MATERIAL NO.		DOCUMENT NO.		
		1 PLACE ± 0.50 ± 0.020			SEE SHEET 1		AS-75900-104		
		ANGULAR ± 1/2°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 2 OF 2		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



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 - 2.54mm MIN MATTE TIN OVERALL OVER 1.504mm MIN. NICKEL OVERALL
OPTION 2 - 1.504mm MIN. NICKEL OVERALL 4.004mm MIN SELECT MATTE TIN PC TAIL
AREA 0.054mm MIN SELECT GOLD CONTACT AREA
OPTION 3 - 1.504mm MIN. NICKEL OVERALL 4.004mm MIN SELECT MATTE TIN PC TAIL
AREA 0.504mm MIN. SELECT GOLD CONTACT AREA
OPTION 4 - 1.54mm MIN MATTE TIN OVERALL OVER 1.504mm 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 x 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 x 3	1	75757-0131		75757-0132		75757-0133		75757-0134		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 x 4	1	75757-0141	11.20	3.05	75757-0142	11.20	4.75	75757-0143	16.09	3.05	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 x 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 x 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		2015/06/15 2015/07/02 CHKD:BR02 APPR:KRRASD 2015/07/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION			
			▽=0	mm		MM ONLY		4:1		METRIC		⊙ ⊐			
			▽=0	4 PLACES ±---		DRAWN BY		DATE							
			▽=0	3 PLACES ±---		TMCLELL		1/24/06							
				2 PLACES ±0.13 ±---		CHECKED BY		DATE							
				1 PLACE ±0.25 ±---		TMCLELL		1/24/06							
				0 PLACE ±		APPROVED BY		DATE							
				ANGULAR ±1/2°		BANAKIS		1/24/06							
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.							
						SEE CHART		SD-75757-010							
						SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							