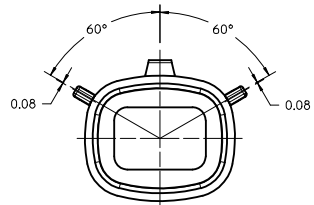


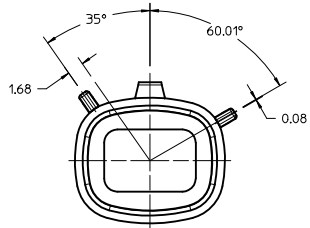
CUSTOMER SHROUD DESIGN DETAILS

NOTES:

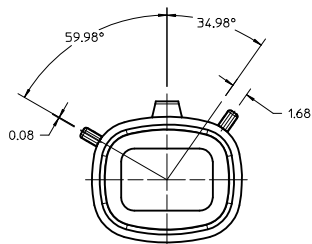
1. REFER TO MOLEX SALES DRAWING SD-75757-002 FOR THE HEADER ASSEMBLY PRODUCT DETAILS AND RECOMMENDED PCB LAYOUT.
2. KEYING OPTIONS A-D AND SUGGESTED COLORS COMPLY TO THE POLARIZATION STANDARDS ESTABLISHED FOR MATING WITH A MX150 FEMALE CONNECTOR.
3. INTERIOR SHROUD SURFACE MUST BE FREE OF DEFECTS AND 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. 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.



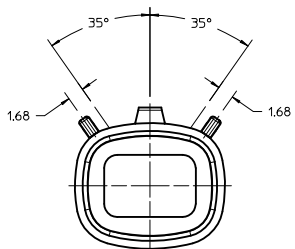
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



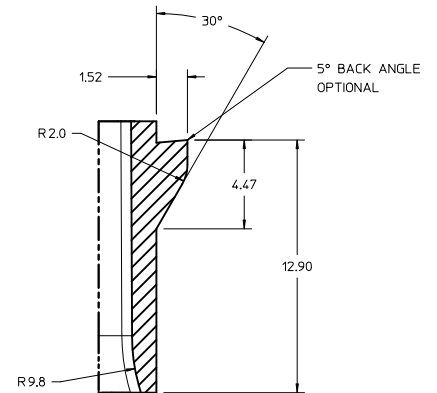
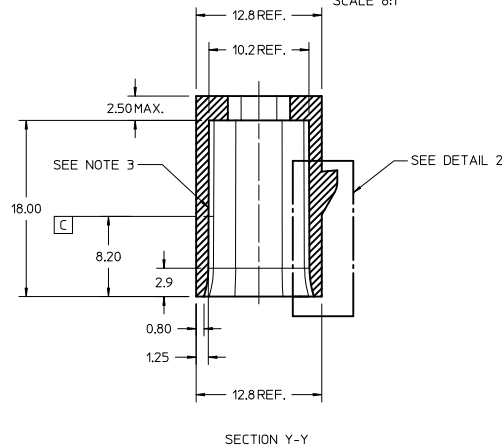
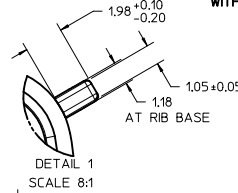
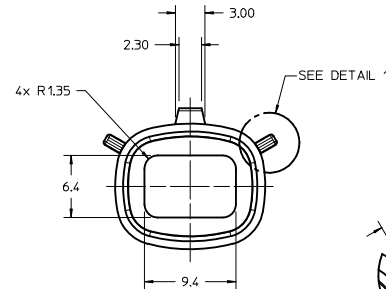
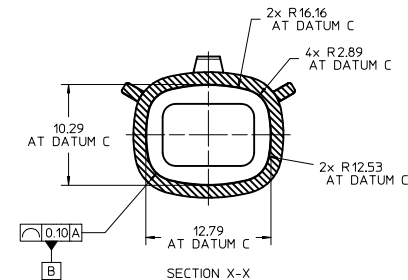
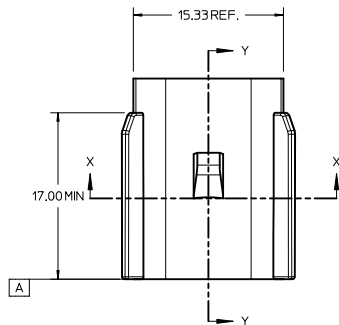
KEYING OPTION "B"
SUGGESTED COLOR: GREY



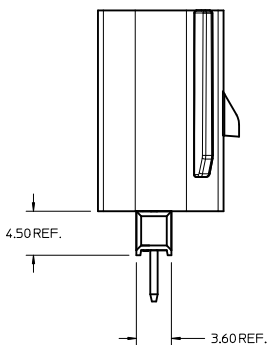
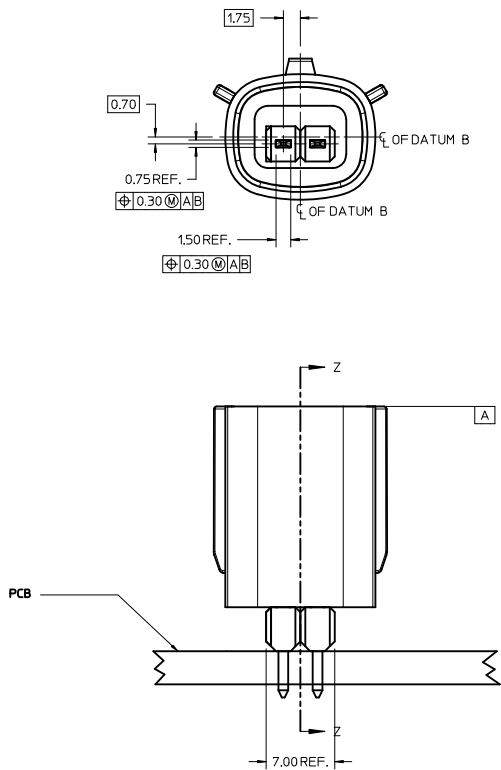
KEYING OPTION "C"
SUGGESTED COLOR: BROWN



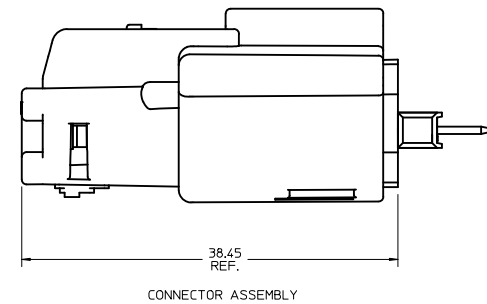
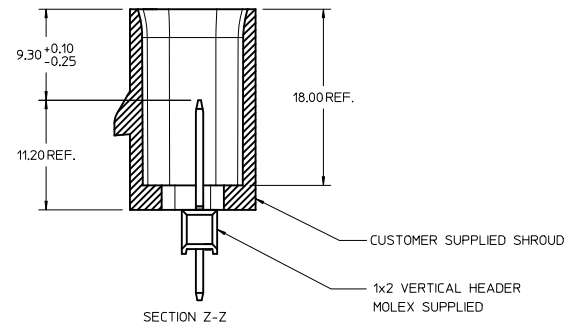
KEYING OPTION "D"
SUGGESTED COLOR: GREEN



QUALITY SYMBOLS			GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
					MM ONLY		4:1		METRIC			
INITIAL RELEASE			4 PLACES ± ---		mm		DRAWN BY		DATE		TITLE	
EC NO: UCP2011-2687			3 PLACES ± ---		INCH		DROSCA		2011/03/04		APPLICATION SPEC	
CHXD:			2 PLACES ± 0.13		± ---		CHECKED BY		DATE		1X2 MX150 HEADER	
APPR: JCOMERCI			1 PLACE ± 0.25		± ---		APPROVED BY		DATE		SHROUD DETAILS	
REV 1			ANGULAR ± 1/2°		ANGULAR ± 1/2°		JCOMERCI		2011/03/11		MOLEX INCORPORATED	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		WATERAL NO.		75757-1020		DOCUMENT NO.	
							SIZE		D		AS-75757-102	
											THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
											SHEET NO.	
											1 OF 2	



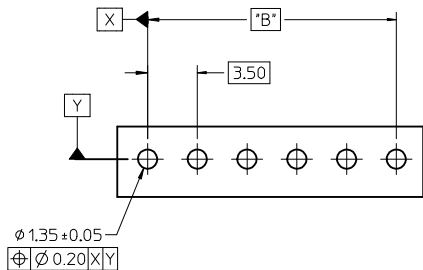
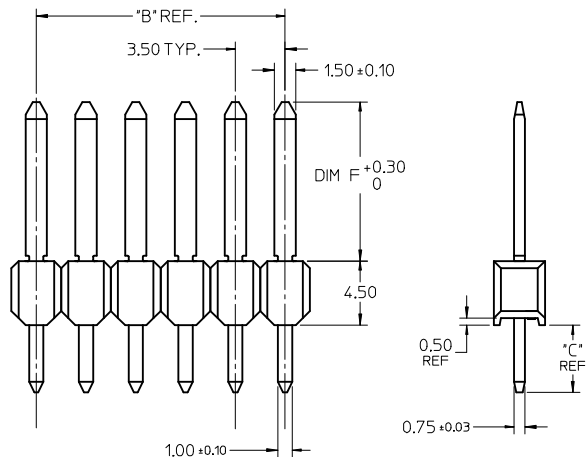
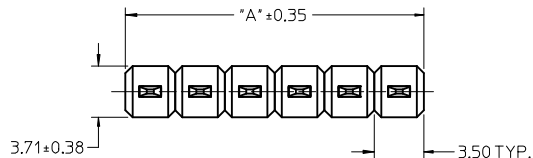
NOTES:
1. ADHERENCE TO THE HEADER APPLICATION DETAILS IS IMPERATIVE TO ENSURE PROPER SHROUD SEALING AND CONTACT ALIGNMENT WHEN MATED WITH A MX150 FEMALE CONNECTOR.



HEADER APPLICATION DETAILS

SEE SHEET 1 IEC NO: UCP2011-2687 DRAWN: DROSCA CHKD: APPR: JCOMERCI 2011/03/11	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				DRAWN BY DATE DROSCA 2011/03/04		TITLE			
				CHECKED BY DATE		APPLICATION SPEC 1X2 MX150 HEADER SHROUD DETAILS			
				APPROVED BY DATE JCOMERCI 2011/03/11		MOLEX MOLEX INCORPORATED			
				MATERIAL NO. 75757-1020		DOCUMENT NO. AS-75757-102		SHEET NO. 2 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					

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



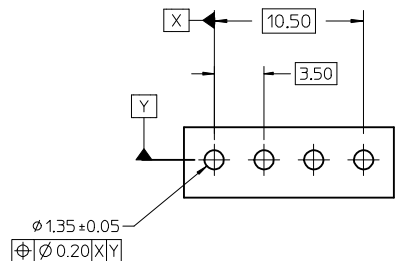
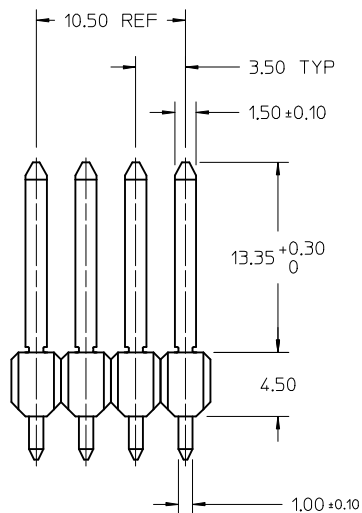
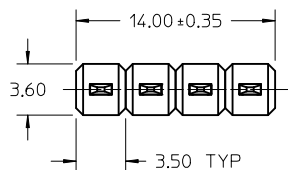
RECOMMENDED PCB LAYOUT

NOTES:

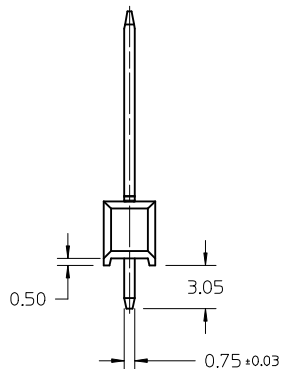
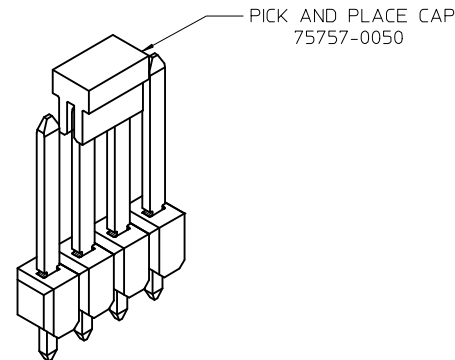
1. TERMINAL MAT'L: ALLOY C26000, CARTRIDGE BRASS
2. WAFER MAT'L: 30% GLASS FILLED LCP, 94V-0, COLOR BLACK.
3. TERMINAL PLATING:
 - OPTION 1 - 2.5µm MIN MATTE TIN OVERALL OVER 1.50µm MIN. NICKEL OVERALL
 - OPTION 2 - 1.50µm MIN. NICKEL OVERALL 4.00µm MIN SELECT MATTE TIN PC TAIL AREA 0.05µm MIN SELECT 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	11.20	3.05	75757-0122	11.20	4.75	75757-0123	16.09	3.05	75757-0124	13.35	3.05	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	11.20	3.05	75757-0152	11.20	4.75	75757-0153	16.09	3.05	75757-0154	13.35	3.05	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	11.20	3.05	75757-0162	11.20	4.75	75757-0163	16.09	3.05	75757-0164	13.35	3.05	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		◎ □							
				▽=0		mm INCH		DRAWN BY		DATE		MX150 SINGLE ROW UNSHROUDED VERTICAL HEADER ASSEMBLY molex											
				4 PLACES ± --- ± ---		TMCLELL		1/24/06															
				3 PLACES ± --- ± ---		CHECKED BY		DATE															
				2 PLACES ± 0.13 ± ---		TMCLELL		1/24/06															
				1 PLACE ± 0.25 ± ---		APPROVED BY		DATE															
				0 PLACE ± ±		BANAKIS		1/24/06		SD-75757-010													
				ANGULAR ±1/2°				MATERIAL NO.								DOCUMENT NO.				SHEET NO.			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART								1 OF 1							
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



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: 1.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-75757-9910.

USCAR NOTE REMOVED EC NO: 12015-0177 DRAWN BY: 2015/06/17 CHKD: BR02 2015/07/02 APPR: KRASAD 2015/07/21	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY	DATE	TITLE				
			▽=0	4 PLACES	± ---	± ---	DROSCA	2012/04/13	MX150 SINGLE ROW			
			▽=0	3 PLACES	± ---	± ---	CHECKED BY	DATE	1X4 VERTICAL			
			▽=0	2 PLACES	± 0.13	± ---	DROSCA	2012/04/16	HEADER ASSEMBLY			
				1 PLACE	± 0.25	± ---	APPROVED BY	DATE	molex			
				0 PLACE	±		JCOMERC I	2012/05/09				
			ANGULAR ±1/2°					MATERIAL NO.			DOCUMENT NO.	SHEET NO.
			DRAFT WHERE APPLICABLE					757570444			SD-75757-0444	1 OF 1
			MUST REMAIN WITHIN DIMENSIONS					SIZE A2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9