



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



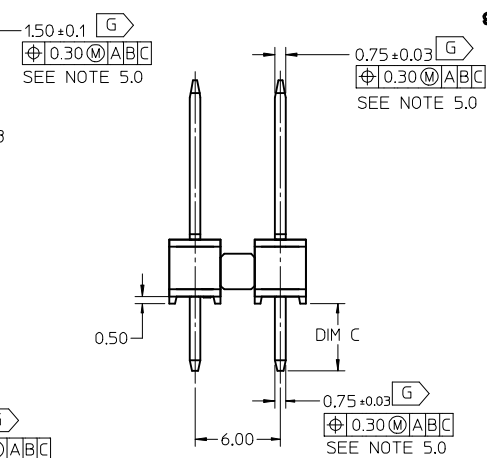
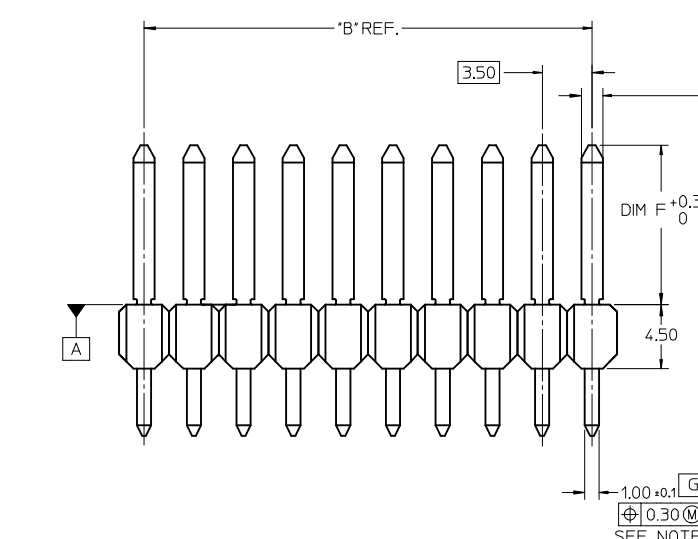
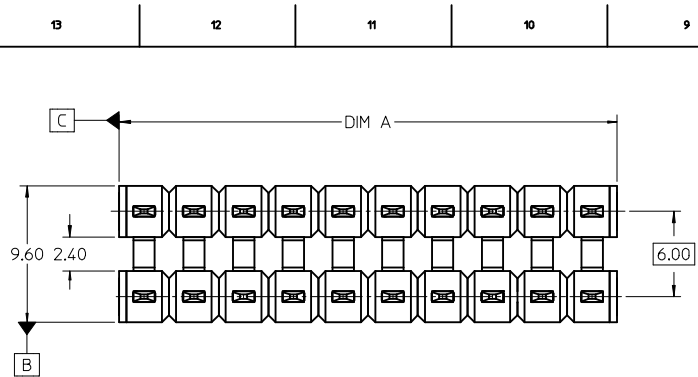
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

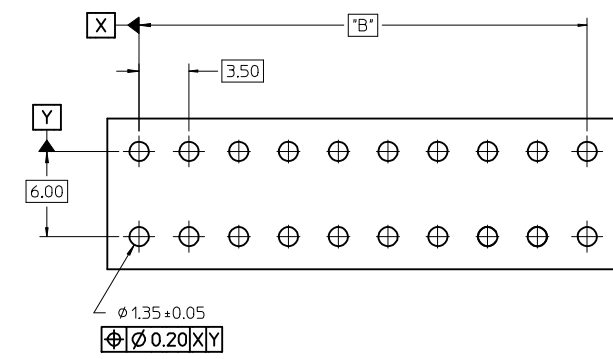
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





- 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 - 1.54μm MIN MATTE TIN OVERALL OVER 1.25μm NICKEL OVERALL
 - OPTION 1 - 2.54μm MIN MATTE TIN OVERALL OVER 1.25μm NICKEL OVERALL
 - OPTION 2 - 1.25μm NICKEL OVERALL 2.54μm MIN SELECT MATTE TIN PC TAIL AREA 0.05-0.25μm SELECT GOLD CONTACT AREA
 - OPTION 3 - 1.25μm NICKEL OVERALL 2.54μm MIN SELECT MATTE TIN PC TAIL AREA 0.75μm SELECT GOLD CONTACT AREA
 4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-340.
 5. ALL THE POSITIONAL TOLERANCES SHOULD BE MEASURED AT TIP OF THE TERMINALS.
 6. DATUMS SHOULD BE CONSIDERED FROM THE EDGES OF THE HOUSING.
 7. POSITION TOLERANCE OF PIN AT MATING SIDE SHOULD BE MAINTAINED AT 0.3MM IN THE FINAL MODULE BY CUSTOMER.
 8. [G] DENOTES DIMENSIONS THAT CAN BE QUALIFIED WITH A GAUGE
 9. BLADE GEOMETRY DOES NOT CONFORM TO USCAR SPECIFICATIONS.



RECOMMENDED PCB LAYOUT

Position Tol. del. added EC NO: 12017-0047 DRWN:RGV CHKD: APPR: VUTTARKAR 2016/11/11 2017/04/24	DESCRIPTION	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 MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY molex					
			4 PLACES	± ---	± ---	TMCCLELL	1/18/05						
			3 PLACES	± ---	± ---	CHECKED BY	DATE						
			2 PLACES	± 0.13	± ---	TMCCLELL	1/18/05						
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE						
			0 PLACE	±	±	BANAKIS	1/18/05						
			ANGULAR ±1/2°			MATERIAL NO.					DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE			SEE CHART					SD-75757-002		1 OF 2
			MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

2 x 2	1	75757-5121	3.05	16.09	75757-1121	3.05	11.20	75757-1122	4.75	11.20	7.0	3.50 REF
	2	75757-5221			75757-1221			75757-1222				
	3	75757-5321			75757-1321			75757-1322				
	4	75757-5421			75757-1421			75757-1422				
2 x 3	1	75757-5131			75757-1131			75757-1132			10.5	7.00
	2	75757-5231			75757-1231			75757-1232				
	3	75757-5331			75757-1331			75757-1332				
	4	75757-5431			75757-1431			75757-1432				
2 x 4	1	75757-5141			75757-1141			75757-1142			14.0	10.50
	2	75757-5241			75757-1241			75757-1242				
	3	75757-5341			75757-1341			75757-1342				
	4	75757-5441			75757-1441			75757-1442				
2 x 6	1	75757-5161			75757-1161			75757-1162			21.0	17.50
	2	75757-5261			75757-1261			75757-1262				
	3	75757-5361			75757-1361			75757-1362				
	4	75757-5461			75757-1461			75757-1462				
2 x 8	1	75757-5181			75757-1181			75757-1182			28.0	24.50
	2	75757-5281			75757-1281			75757-1282				
	3	75757-5381			75757-1381			75757-1382				
	4	75757-5481			75757-1481			75757-1482				
2 x 10	1	75757-5101			75757-1101			75757-1102			35.0	31.50
	2	75757-5201			75757-1201			75757-1202				
	3	75757-5301			75757-1301			75757-1302				
	4	75757-5401			75757-1401			75757-1402				
CKT SIZE	PLATING OPTION	MATERIAL NUMBER	*C* DIM	*F* DIM	MATERIAL NUMBER	*C* DIM	*F* DIM	MATERIAL NUMBER	*C* DIM	*F* DIM	*A* DIM	*B* DIM

SEE SHEET 1

EC NO: I2017-0047

DRWN:RCV

CHKD:

APPR:VUTTARKAR

2016/11/11

2017/04/24

DESCRIPTION

REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± ---

2 PLACES ± 0.13 ± ---

1 PLACE ± 0.25 ± ---

0 PLACE ± ±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

DATE

SCALE

1:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY

molex

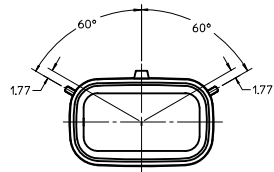
MATERIAL NO.

DOCUMENT NO.

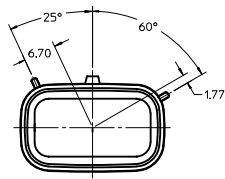
SD-75757-002

SHEET NO. 2 OF 2

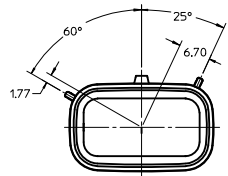
CUSTOMER SHROUD DESIGN DETAILS



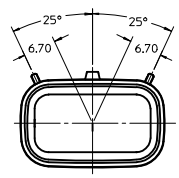
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



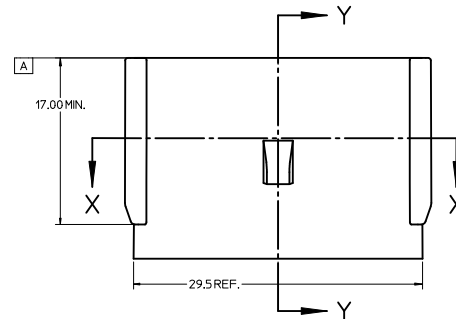
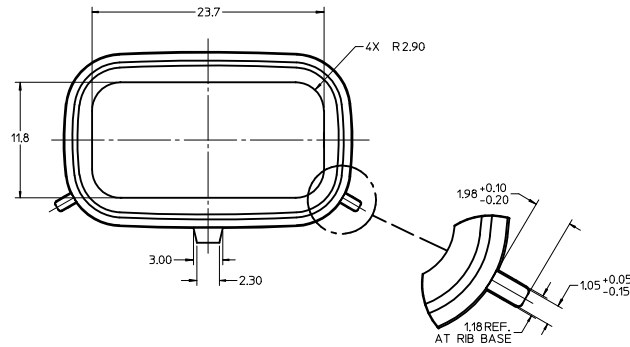
KEYING OPTION "B"
SUGGESTED COLOR: GREY



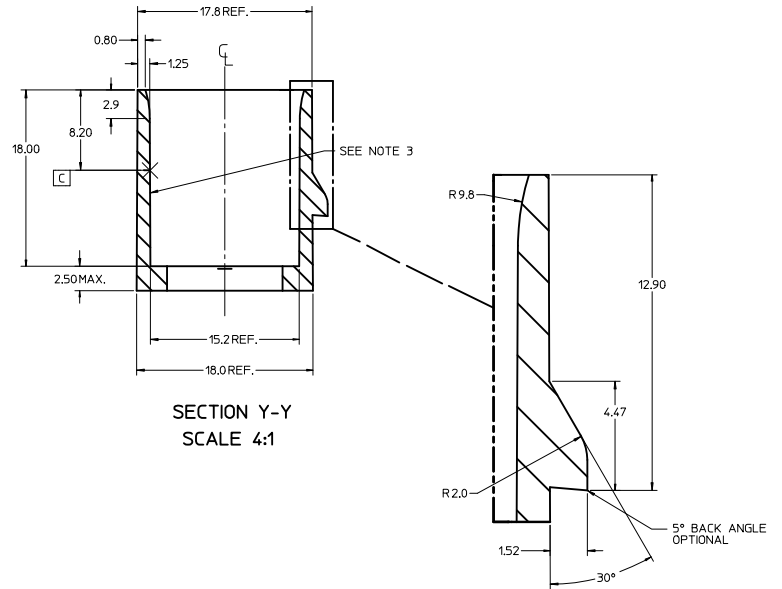
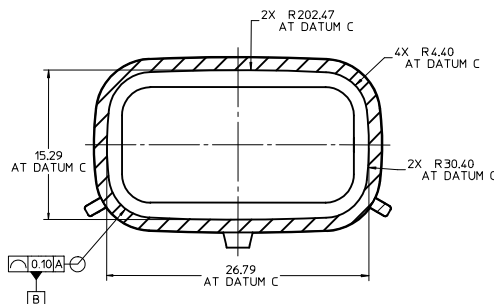
KEYING OPTION "C"
SUGGESTED COLOR: BROWN



KEYING OPTION "D"
SUGGESTED COLOR: GREEN



SECTION X-X
SCALE 4:1

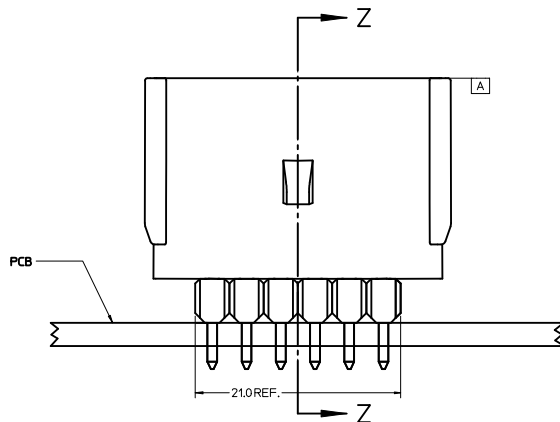
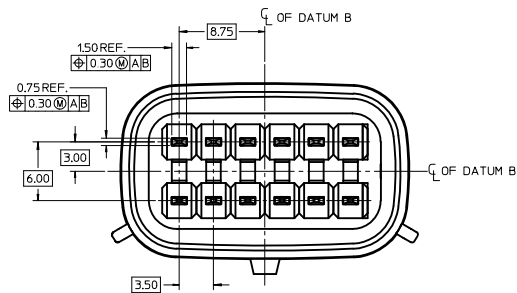


SECTION Y-Y
SCALE 4:1

NOTES:

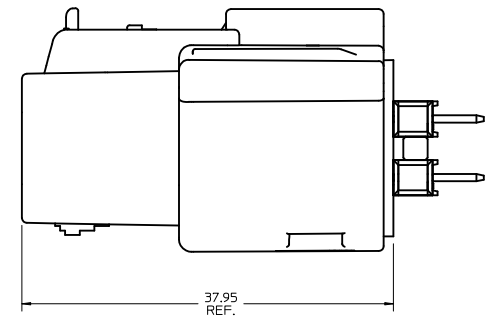
1. REFER TO MOLEX SALES DRAWING SD-75757-002 FOR THE HEADER ASSEMBLY PRODUCT DETAILS AND RECOMMENDED PCB LAYOUT.
2. KEYING OPTIONS A-D AND SUGGESTED COLORS COMPLY TO THE POLARIZATION STANDARDS ESTABLISHED FOR MATING WITH A MX150 FEMALE CONNECTOR.
3. INTERIOR SHROUD SURFACE MUST BE FREE OF DEFECTS AND 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 IEC NO: UCP2011-2680 CHXO: DRWNOROSCA APPR: JCOMERCL 2011/03/04 2011/03/07 DESCRIPTION	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$		mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1/2°		MM ONLY DATE 03/29/06 DATE 03/29/06 DATE 03/30/06		2:1		METRIC		APPLICATION SPEC 2X6 MX150 HEADER SHROUD DETAILS	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 75757-2060 SIZE D		DOCUMENT NO. AS-75757-206		MOLEX INCORPORATED		SHEET NO. 1 OF 2			

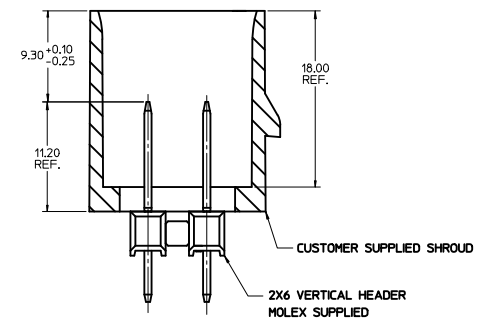
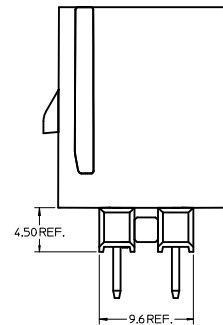


HEADER APPLICATION DETAILS

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



SECTION Z-Z

SEE SHEET 1 EC NO. UCP2011-2680 DRAWN: DRSCA CHKD: APPR: JCMERCL REV	DESCRIPTION 2011/03/04 2011/03/07	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	APPLICATION SPEC 2X6 MX150 HEADER SHROUD DETAILS		
			mm		INCH						DRAWN BY	DATE
			4 PLACES ±		±						TMCLELL	03/29/06
			3 PLACES ±		±						CHECKED BY	DATE
			2 PLACES ± 0.10		±						TMCLELL	03/29/06
			1 PLACE ± 0.2		±						APPROVED BY	DATE
			ANGULAR ± 1/2°		±						BANAKIS	03/30/06
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 75757-2060						DOCUMENT NO. AS-75757-206	
SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										