



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

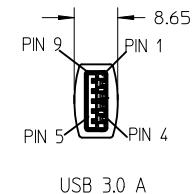
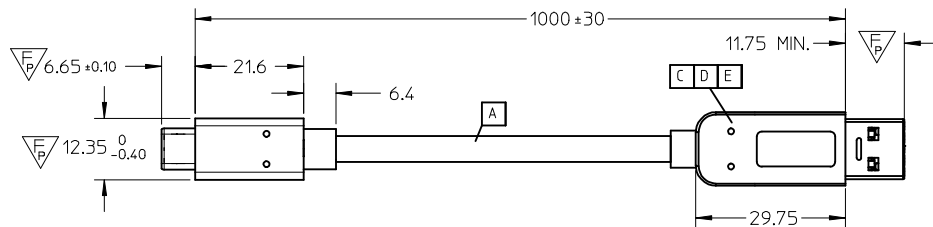
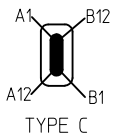
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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

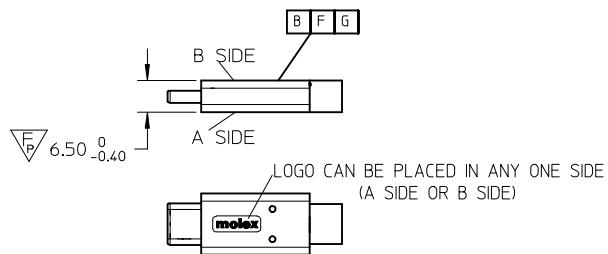


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/05/23	A	INITIAL RELEASE	LUCY
CY16-5923	2016/07/08	B	ADD MOLEX LOGO ON OUTER MOLD	LUCY
CY16-6438	2016/09/27	C	UPDATE OUTER MOLD DIMENSIONS ON P1 END: 21.6MM WAS 23.0MM; 6.4MM WAS 5.0MM; CHANGE INNER MOLD RESIN TO HDPE	LUCY

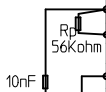
P1



P2



PIN ASSIGNMENTS				
Type C	SIGNAL NAME	WIRE COLOR	USB 3.0 A	SIGNAL NAME
A4,B4,A9,B9	VBUS	RED	1	VBUS
A5	CC	-	-	-
B5	Vcann	-	-	-
A1,B1,A12,B12	GND	BLACK	4	GND
A6	Dp1	GREEN	3	D+
A7	Dn1	WHITE	2	D-
A2	SSTXp1	YELLOW	6	StdA_SSRX+
A3	SSTXn1	BLUE	5	StdA_SSRX-
A1,A12	GND	DRAIN	7	GND_DRAIN
B12,B1	GND	DRAIN	-	-
B11	SSRXp1	PURPLE	9	StdA_SSTX+
B10	SSRXn1	ORANGE	8	StdA_SSTX-
SHELL	SHIELD	BRAID	SHELL	SHIELD



G	Type C stamping up shell for OD4.6&4.8	1
F	Typec stamping bottom shell for OD4.6	1
E	Front metal shell for USB3.0 A/MALE	1
D	USB A Male 3.0 solder pin with AU 30u"	1
C	Rear Metal for USB 3.0 A/Male	1
B	PCBA, Usb Type C to usb3.1 paddel card	1
A	(2P+1P)X32+3CX24,SHD,PVC,BK;4.6MM;UL2725	AR
ITEM	DESCRIPTION	QTY.

ENTER DESCRIPTION
 EC NO: CPG2017-0507
 DRW: XJGU001
 CHKD: LUCY
 APPR: FNIE

QUALITY SYMBOLS
 $\nabla = 0$
 $\nabla = 0$
 $\nabla = 4$

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.5	± ---
0 PLACE	± ---	± ---

ANGULAR ± ---°
 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

SCALE

METRIC

THIRD ANGLE PROJECTION

DRAWN BY: XJGU001
 DATE: 2016/05/31
 CHECKED BY: LUCY
 DATE: 2016/05/31
 APPROVED BY: FNIE
 DATE: 2016/05/31

MATERIAL NO.
687980007

DESIGN UNITS
METRIC

TITLE
USB TYPE C TO USB 3.0 A, L=1M


molex

DOCUMENT NO.
SD-68798-007

SHEET NO.
1 OF 2

NOTE:

1. OVERMOLDING SPECIFICATION:
 - 1.1 INNER MOLDING: HDPE RESIN
 - 1.2 OUTER MOLDING: PVC BLACK RESIN
2. APPLICATION CONDITION
 - 2.1 WORKING TEMPERATURE: -10°--- +50°
 - 2.2 STORAGE TEMPERATURE: -20°--- +60°
3. MECHANICAL PERFORMACNE
 - 3.1. CABLE ASSEMBLY CAN PASS FLEXING TEST, PER EIA364-41 CONDITION I WITH DIMENSION X=3.7 TIMES THE CABLE DIAMETER AND 100 CYCLES IN EACH OF TWO PLANES 120 DEGREE ARC.
 - 3.2. CABLE SHOULD WITHSTAND A PULL FORCE 40N FOR ONE MINUTE WITHOUT VISIBLE TERMINATION DAMAGE.PER EIA 364-38 METHOD A
 - 3.3 CABLE SHOULD MEET 3.8.1.6 4-AXIS CONTINUITY TEST OF TYPE C STANDARD FOR P1 SIDE
4. ELECTRICAL PERFORMACNE
 - 4.1 100% OPEN AND SHORT TEST
 - 4.2 OTHER ELECTRICAL PERFORMANCE MEET USB 3.0 STANDARD
 - 4.3 CURRENT RATING:3A, VOLTAGE DROP SHALL BE 250mV FOR GND AND 500mV FOR VBUS.
5. THIS PRODUCT MUST MEET Molex QEHS-699000-301
6. PRODUCT SPECIFICATION PS-68798-0002

ENTER DESCRIPTION EC NO: CPG2017-0507 DRWN:XJGU001 CHKD:LUCY APPR:FNIE	2016/09/29 2016/09/29 2016/09/29	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ----	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY XJGU001	DATE 2016/05/31	TITLE USB TYPE C TO USB 3.0 A, L=1M				
				4 PLACES	± ---	± ---	CHECKED BY LUCY	DATE 2016/05/31				
				3 PLACES	± ---	± ---	APPROVED BY FNIE	DATE 2016/05/31				
		2 PLACES	± 0.25	± ---	MATERIAL NO. 687980007		DOCUMENT NO. SD-68798-007		SHEET NO. 2 OF 2			
		1 PLACE	± 0.5	± ---	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					
		0 PLACE	± ---	± ---	SIZE A3							