



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

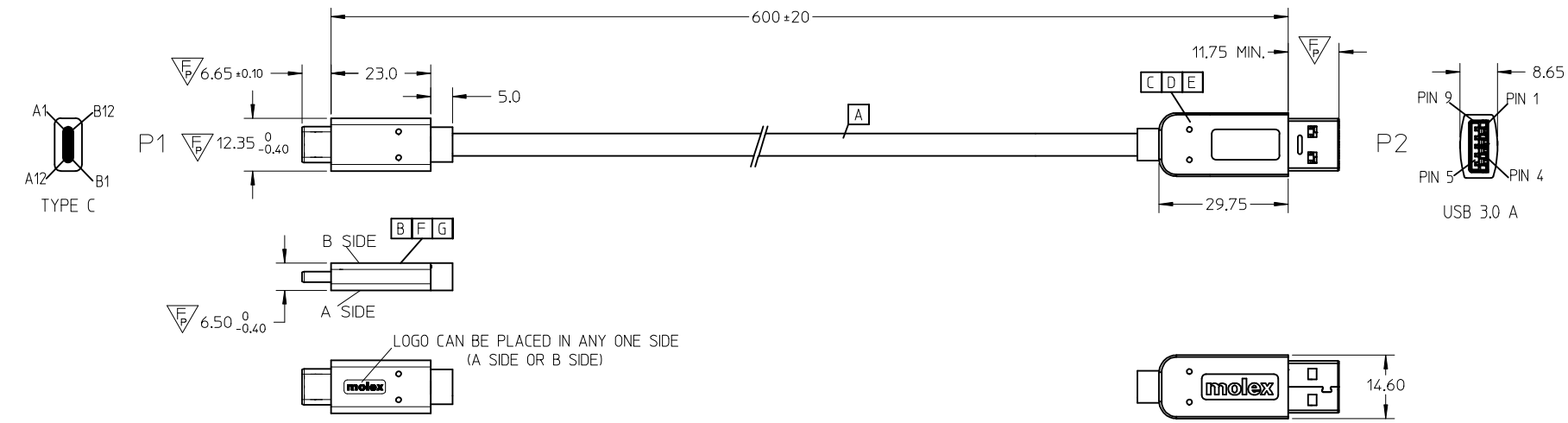
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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
CY15-7975	2015/12/31	C	CHANGE Rp VALUE; REMOVE 3A ON TITLE	LUCY
CY16-5179	2016/02/22	D	UPDATE FLEXING TEST REQUIREMENT	LUCY
CY16-5923	2016/07/08	E	ADD MOLEX LOGO ON OUTER MOLD	LUCY



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	Vconn	-	-	-
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 FOR STD A PLUG	1
D	USB 3.0 STD A CONNECTOR ASSY	1
C	REAR METAL FOR STD A PLUG	1
B	PCBA, Usb Type C to usb3.1 paddel card	1
A	3PX32+3CX24AWG;SHLD;PVC,BK;4.6MM;UL2725	AR
ITEM	DESCRIPTION	QTY.

ENTER DESCRIPTION		EC NO: CPG2017-0068		2016/07/14		2016/07/14		2016/07/16		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE				SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION			
												MM ONLY		---		METRIC													
F		REV		DRAWN: XJGU001		2016/07/14		2016/07/14		2016/07/16		F _A =0 F _G =0 F _P =4		mm		INCH		DRAWN BY		DATE		TITLE USB TYPE C TO USB 3.0 A GEN 2, L=0.6M molex							
														4 PLACES		± ---		± ---		XJGU001								2015/12/04	
														3 PLACES		± ---		± ---		CHECKED BY								DATE	
														2 PLACES		± 0.25		± ---		LUCY								2015/12/04	
														1 PLACE		± 0.5		± ---		APPROVED BY								DATE	
														0 PLACE		± ---		± ---		FNIE		2015/12/04							
														ANGULAR ± ---°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.									
DRAFT WHERE APPLICABLE		SIZE		687980006		SD-68798-006		1 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
MUST REMAIN WITHIN DIMENSIONS		A3																											

NOTE:

- OVERMOLDING SPECIFICATION:
 - INNER MOLDING: PE RESIN
 - OUTER MOLDING: PVC BLACK RESIN
- APPLICATION CONDITION
 - WORKING TEMPERATURE: -10°--- +50°
 - STORAGE TEMPERATURE: -20°--- +60°
- MECHANICAL PERFORMACNE
 - 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.
 - CABLE SHOULD WITHSTAND A PULL FORCE 40N FOR ONE MINUTE WITHOUT VISIBLE TERMINATION DAMAGE.PER EIA 364-38 METHOD A
 - CABLE SHOULD MEET 3.8.1.6 4-AXIS CONTINUITY TEST OF TYPE C STANDARD FOR P1 SIDE
- ELECTRICAL PERFORMACNE
 - 100% OPEN AND SHORT TEST
 - OTHER ELECTRICAL PERFORMANCE MEET ES-069 (USB TYPE-C LEGACY CABLE, C - PLUG A, USB 3.1 GEN2)
 - CURRENT RATING: 3A, VOLTAGE DROP SHALL BE 250mV FOR GND AND 500mV FOR VBUS.
- THIS PRODUCT MUST MEET RoHS 2011/65/EU
- PRODUCT SPECIFICATION PS-68798-0007

ENTER DESCRIPTION EC NO: CPG2017-0068 DRWN:XJGU001 2016/07/14 CHKD:LUCY 2016/07/14 APPR:FNIE 2016/07/16	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION								
				mm	INCH	DRAWN BY XJGU001	DATE 2015/12/04	TITLE USB TYPE C TO USB 3.0 A GEN 2, L=0.6M									
			4 PLACES	± ---	± ---	CHECKED BY LUCY	DATE 2015/12/04										
			3 PLACES	± ---	± ---	APPROVED BY FNIE		DATE 2015/12/04	molex								
			2 PLACES	± 0.25	± ---												
			1 PLACE	± 0.5	± ---	DOCUMENT NO. SD-68798-006								SHEET NO. 2 OF 2			
			0 PLACE	± ---	± ---												
			ANGULAR ± ---°			MATERIAL NO. 687980006											
			DRAFT WHERE APPLICABLE			SIZE A3											
			MUST REMAIN WITHIN DIMENSIONS														
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	