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.

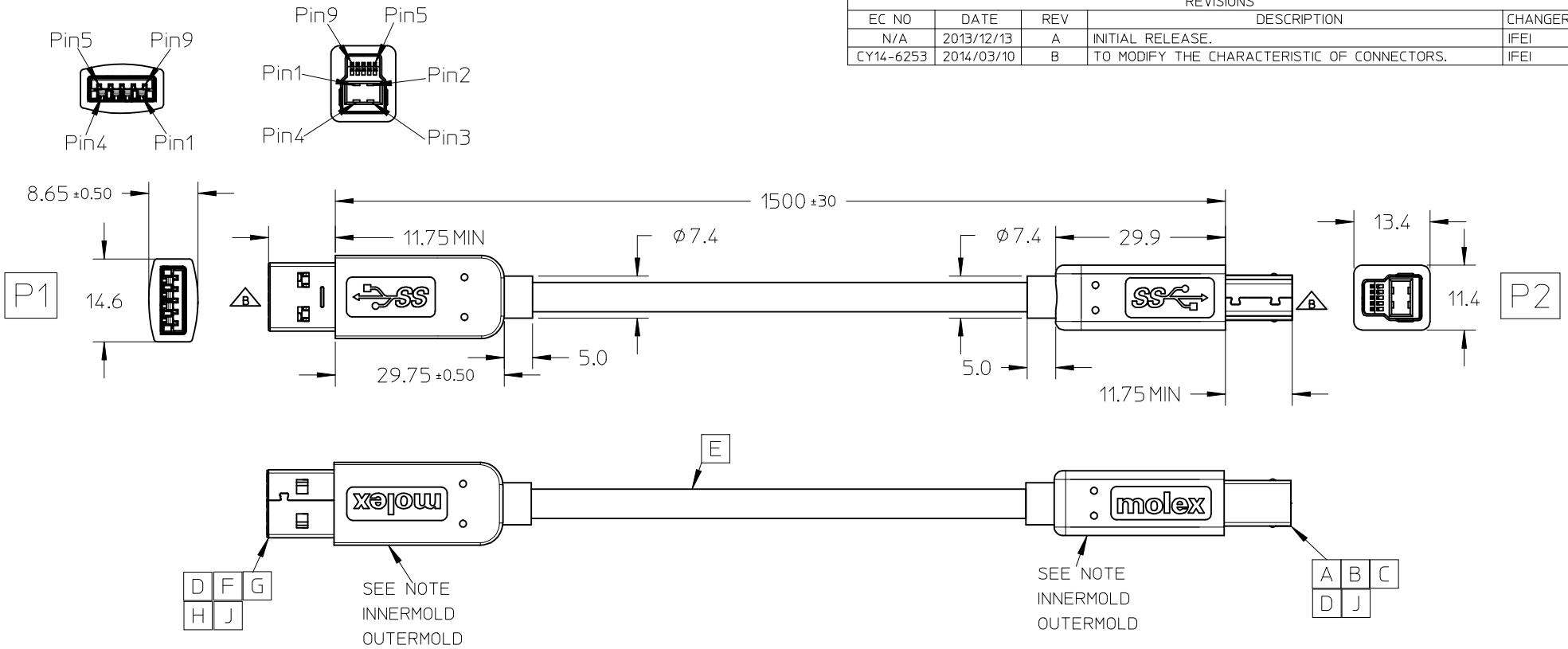
With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC 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
N/A	2013/12/13	A	INITIAL RELEASE.	IFEI
CY14-6253	2014/03/10	B	TO MODIFY THE CHARACTERISTIC OF CONNECTORS.	IFEI



ITEM	DESCRIPTION	L(MM)	Q'TY
J	HST F 1.5MM 125C (UL) BLK HF	A/R	
H	FRONT METAL FOR STD A PLUG		1
G	USB 3.0 STD A CONNECTOR ASSY		1
F	REAR METAL FOR STD A PLUG		1
E	USB 3.0 CABLE, HF	A/R	
D	PRE-CUT COPPER FOIL 25*5		2
C	REAR METAL SHELL FOR B PLUG		1
B	STD B CONNECTOR ASSY		1
A	FRONT METAL SHELL FOR B PLUG		1

WIRING CHART			
P1	SIGNAL NAME	WIRE COLOUR	P2
1	VBUS	RED	1
2	D-	WHITE	2
3	D+	GREEN	3
4	GND	BLACK	4
5	Std_SSRX-	BLUE	5
6	Std_SSRX+	YELLOW	6
7	GND_DRAIN	GND_DRAIN	7
8	Std_SSTX-	PURPLE	8
9	Std_SSTX+	ORANGE	9
SHELL	SHIELD	BRAID	SHELL

SEE REVISIONS
EC NO: CPG2014-2620 2014/02/24
DRWN: IFEI
CH'KD:
APPR: RTSAI 2014/03/11
DESCRIPTION
REV B

QUALITY SYMBOLS
F_A=0
F_C=0
F_P=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: IFEI DATE: 2014/01/16
CHECKED BY: DATE:
APPROVED BY: RTSAI DATE: 2014/01/17

TITLE: USB 3.0 A MALE TO B MALE 1.5M HF VERSION

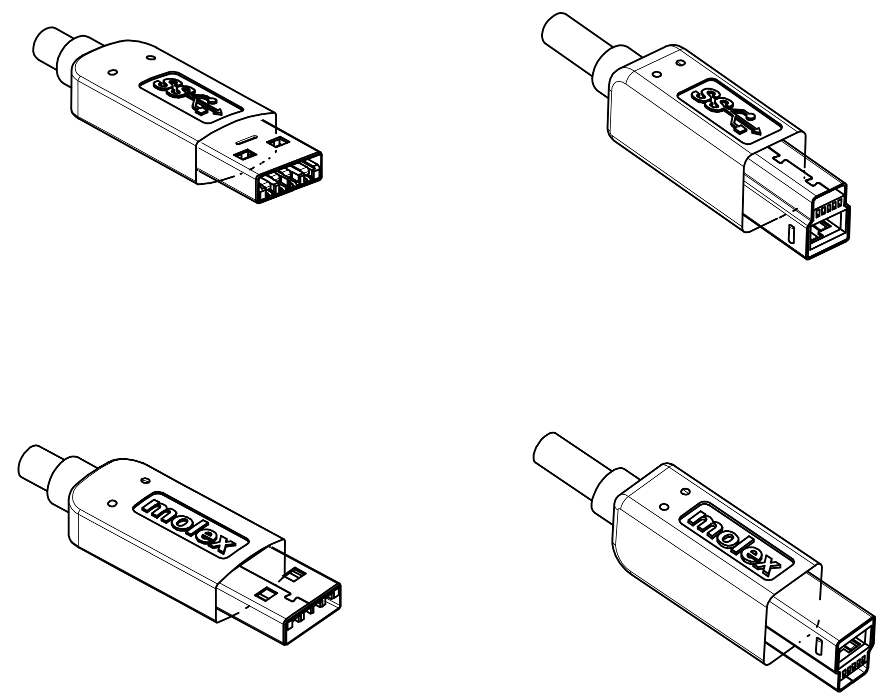
molex

MATERIAL NO.: 687890025
DOCUMENT NO.: SD-68789-017
SHEET NO.: 1 OF 2
SIZE: A4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

NOTE:

1. OVERMOLDING SPECIFICATION:
   1.1 INNER MOLDING: PE RESIN
   1.2 OUTER MOLDING: TPE RESIN
2. APPLICATION CONDITION
   2.1 WORKING TEMPERATURE: 0° ---- +50°
   2.2 STORAGE TEMPERATURE: -20° ---- +60°
3. MECHANICAL PERFORMACNE
   3.1. CABLE ASSLY CAN PASS FLEXING TEST IN 100 CYCLES AT EACH OF 2 PLANES, PER EIA364-41 CONDITION I.
   3.2. CABLE ASSEMBLY SR AREA SHOULD WITHSTAND A PULL FORCE 40N FOR ONE MINUTE WITHOUT COSMETIC AND FUNCTION DAMAGE.
4. ELECTRICAL PERFORMACNE
   4.1 CURRENT RATING: 1.8A FOR POWER WIRE/ 0.25A FOR SIGNAL WIRE
   4.2 VOLTAGE RATING: 30V AC
5. THIS PRODUCT MUST MEET THE EU RoHS CHEMICAL SUBSTANCES SPECIFICATION FOR PRODUCTS (2011/65/EU).



REV	DESCRIPTION
B	SEE REVISIONS EC NO: CPG2014-2620 DRWN: IFEI 2014/02/24 CH'KD: APPR: RTSAI 2014/03/11

QUALITY SYMBOLS: F/A =0, F/C =0, F/P =0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.5	± ---
0 PLACE	± ---	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS	
MM ONLY	1:1	METRIC	THIRD ANGLE PROJECTION

DRAWN BY: IFEI	DATE: 2014/01/16	TITLE: USB 3.0 A MALE TO B MALE 1.5M HF VERSION
CHECKED BY:	DATE:	
APPROVED BY: RTSAI	DATE: 2014/01/17	molex
MATERIAL NO.: 687890025	DOCUMENT NO.: SD-68789-017	SHEET NO.: 2 OF 2
SIZE: A4		

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