



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

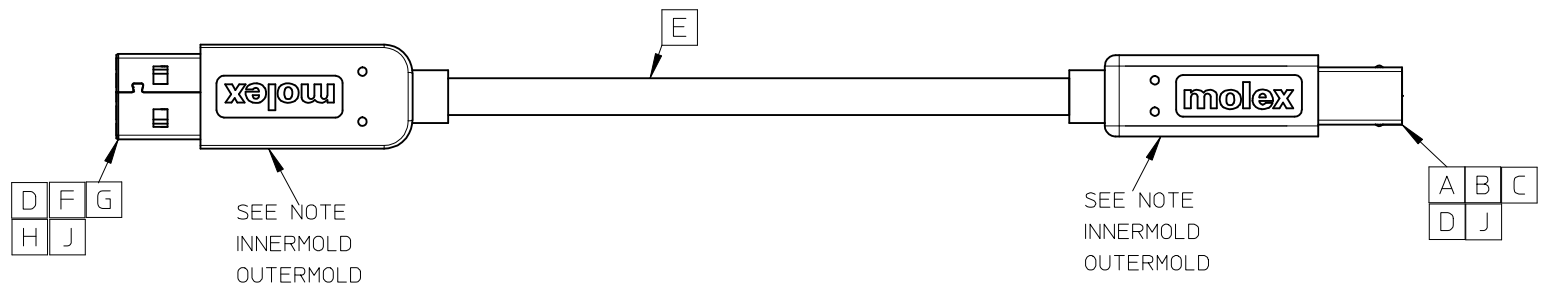
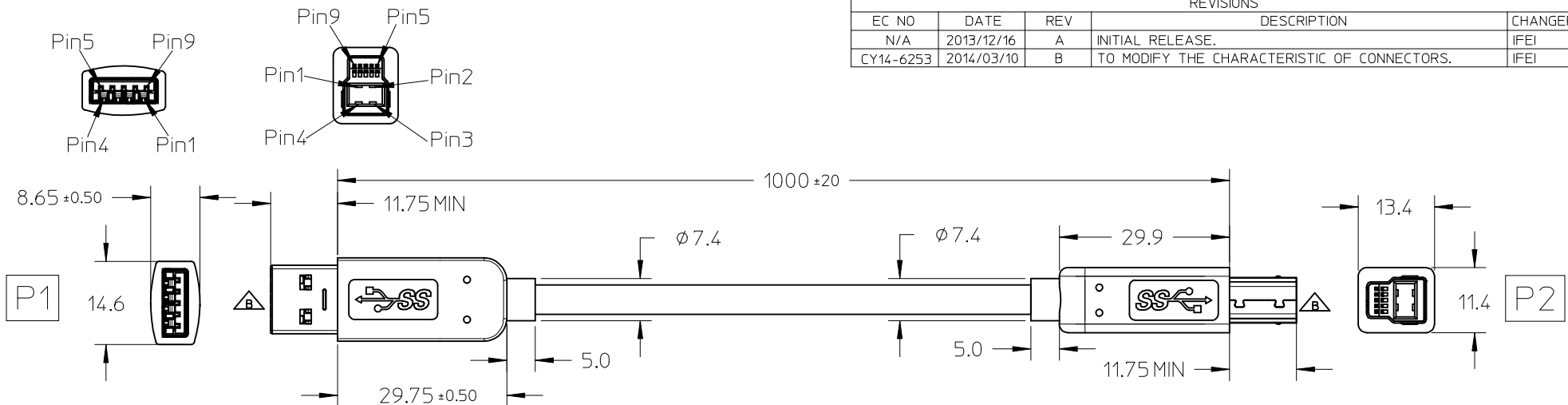
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REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
N/A	2013/12/16	A	INITIAL RELEASE.	IFEI
CY14-6253	2014/03/10	B	TO MODIFY THE CHARACTERISTIC OF CONNECTORS.	IFEI



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

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
ITEM	DESCRIPTION	L(MM)	QTY

SEE REVISIONS

EC NO: CPG2014-2620

DRWN:IFEI

CHKD:

APPR:RTSAI

2014/02/24

2014/03/11

DESCRIPTION

REV

QUALITY SYMBOLS

$F_A=0$

$F_B=0$

$F_C=0$

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

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

MATERIAL NO.

687890024

SIZE

A 4

SCALE

1:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

USB 3.0 A MALE TO B MALE 1M HF VERSION

DOCUMENT NO.

SD-68789-016

SHEET NO.

1 OF 2

**molex**

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

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**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**

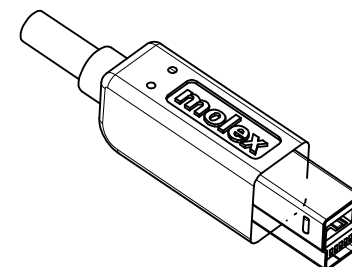
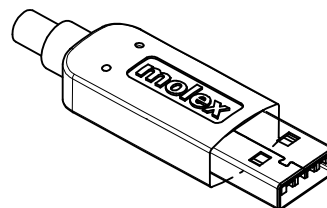
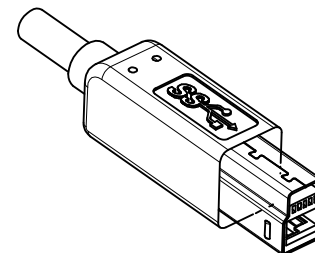
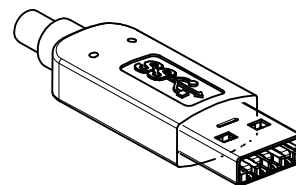
- 3.1. CABLE ASSLY CAN PASS FLEXING TEST IN 100 CYCLES AT  
EACH OF 2 PLANES,PER EIA364-41 CONDITION I.

- 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 ).



SEE REVISIONS EC NO: CPG2014-2620 DRWN:IFEI CHKD: APPR:RTSAI	2014/02/24   <
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