



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



7

6

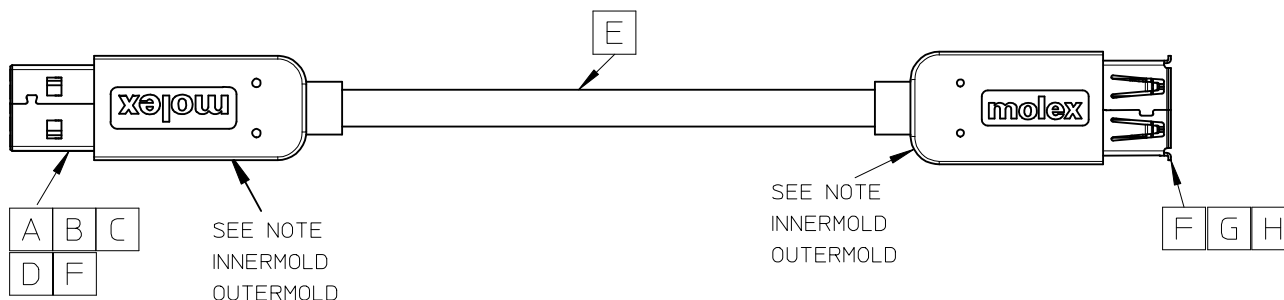
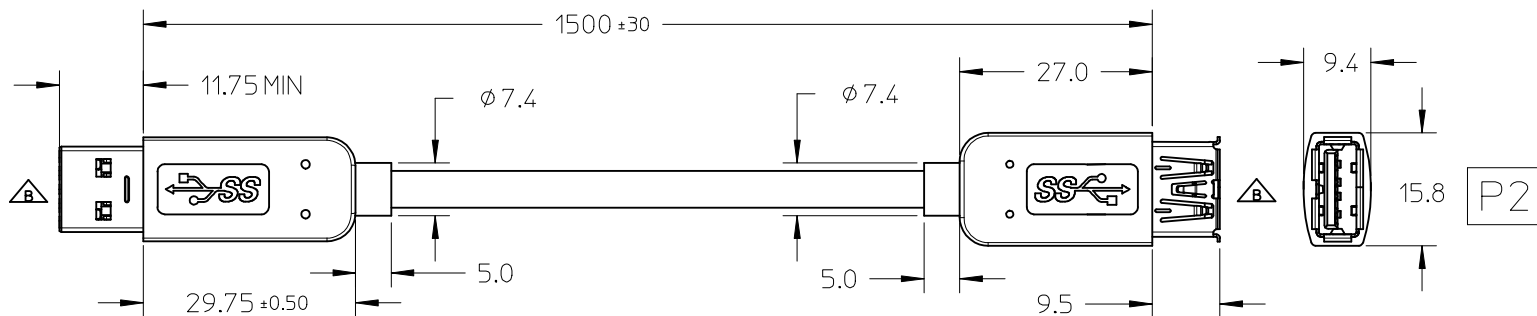
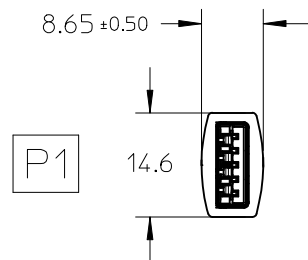
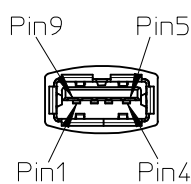
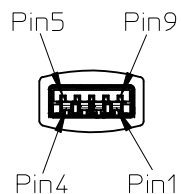
5

4

3

2

1



SEE NOTE
INNERMOLD
OUTERMOLD

SEE NOTE
INNERMOLD
OUTERMOLD

WIRING CHART

P1	SIGNAL NAME	WIRE COLOR	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	2014/02/25
DRWN: IFEI	CHKD: APPR: RTSAI	2014/03/11
B	REV	

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

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.
687890002

SIZE
A 4

SCALE
1:1DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

USB 3.0 A MALE TO FEMALE
1.5M

molex

DOCUMENT NO.
SD-68789-008

SHEET NO.
1 OF 2

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

6

5

4

3

2

1

7

6

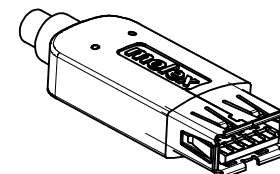
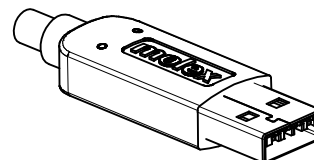
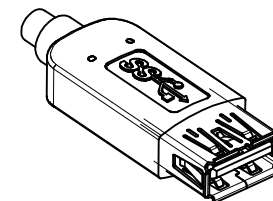
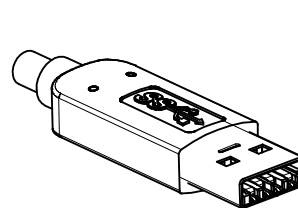
5

4

3

2

1

NOTE:**1. OVERMOLDING SPECIFICATION:****1.1 INNER MOLDING: PE RESIN****1.2 OUTER MOLDING: PVC 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: RTSAL	2014/02/25 2014/03/11	DESCRIPTION	QUALITY SYMBOLS FA=0 FC=0 FD=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				4 PLACES	mm	INCH	DRAWN BY IFEI	DATE 2014/01/16	TITLE USB 3.0 A MALE TO FEMALE 1.5M					
					3 PLACES	± ---	± ---	CHECKED BY				DATE		
					2 PLACES	± 0.25	± ---	APPROVED BY RTSAI		DATE 2014/01/17		molex		
					1 PLACE	± 0.5	± ---							
					0 PLACE	± ---	± ---							
				ANGULAR ± 3 °			MATERIAL NO. 687890002		DOCUMENT NO. SD-68789-008					SHEET NO. 2 OF 2
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A 4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

6

5

4

3

2

1