

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0687890001](#)

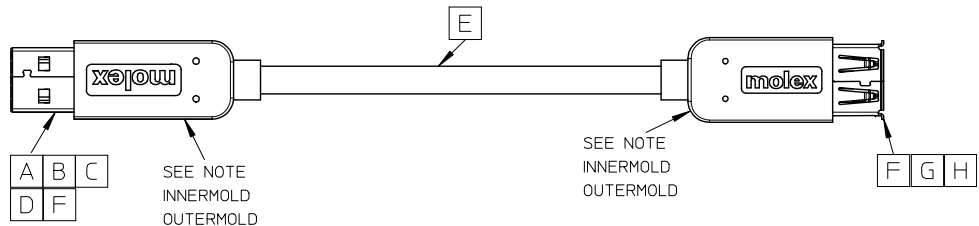
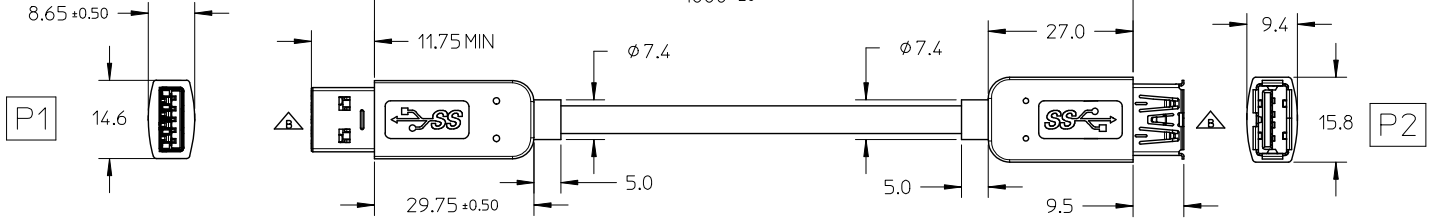
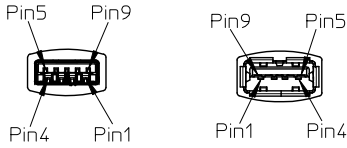
For any questions, you can email us directly:

sales@integrated-circuit.com

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REVISIONS

EC NO	DATE	REV	DESCRIPTION	CHANGER
N/A	2013/12/17	A	INITIAL RELEASE.	IFEI
CY14-6253	2014/03/10	B	TO MODIFY THE CHARACTERISTIC OF CONNECTORS.	IFEI



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 NOTE INNERMOLD OUTERMOLD

ITEM	DESCRIPTION	L(MM)	QTY
H	USB3.0 STD A COPPER FOIL		1
G	USB 3.0 STD A FEMALE CONNECTOR		1
F	HST F 1.5MM 125C (UL) BLK HF		A/R
E	USB 3.0 CABLE (2P+1P+28+2C+24, SHLD,PVC, BLK, 5.0, UL2725)		A/R
D	PRE-CUT COPPER FOIL 25*5		1
C	FRONT METAL FOR STD A PLUG		1
B	USB 3.0 STD A CONNECTOR ASSY		1
A	REAR METAL FOR STD A PLUG		1

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	INCH	MM ONLY	DATE	1:1	METRIC	
$\nabla=0$	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE	USB 3.0 A MALE TO FEMALE 1M
$\nabla=0$	3 PLACES	± ---	± ---	IFEI	2014/01/16		
$\nabla=0$	2 PLACES	± 0.25	± ---	CHECKED BY	DATE		
$\nabla=0$	1 PLACE	± 0.5	± ---	APPROVED BY	DATE		
$\nabla=0$	0 PLACE	± ---	± ---	RTSAI	2014/01/17		
ANGULAR ± 3°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	687890001	DOCUMENT NO.	SD-68789-019
SIZE A/4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.	1 OF 2		

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

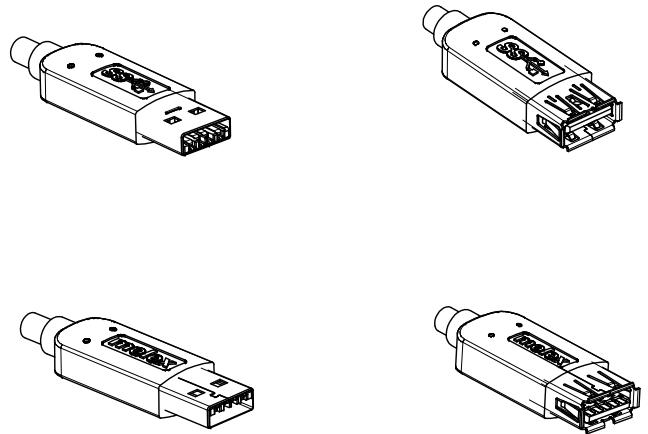
- 3.1. CABLE ASSLY CAN PASS FLEXING TEST IN 100 CYCLES AT EACH OF 2 PLANES, PER EIA364-41 CONDITION I.
- 3.2. CABLE ASSEMBLY SR AREA SHOULD WITHSTAND A PULL FORCE 40N FOR ONE MINUTE WITHOUT COSMETIC AND FUNCTION DAMAGE.

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: CHYD APPR: RTSAI 2014/02/16 2014/03/11	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		▽=0	4 PLACES	± ---	± ---	DRAWN BY IFEI	DATE 2014/01/16	TITLE USB 3.0 A MALE TO FEMALE 1M		
		▽=0	3 PLACES	± ---	± ---	CHECKED BY	DATE			
		▽=0	2 PLACES	± 0.25	± ---	APPROVED BY	DATE	molex		
		▽=0	1 PLACE	± 0.5	± ---	RTSAI	2014/01/17			
			0 PLACE	± ---	± ---	MATERIAL NO. 687890001	DOCUMENT NO. SD-68789-019	SHEET NO. 2 OF 2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± 3 °	SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX, INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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