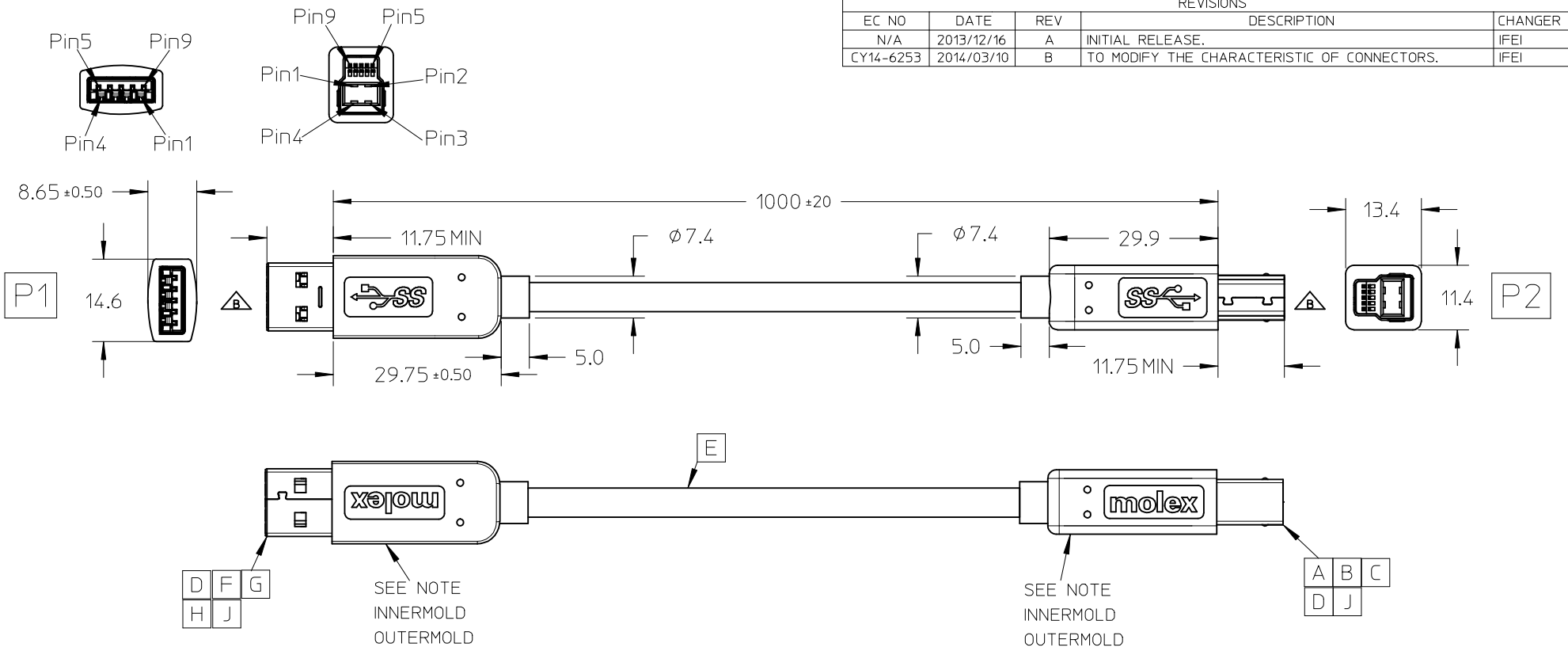
REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
N/A	2013/12/16	A	INITIAL RELEASE.	IFEI
CY14-6253	2014/03/10	B	TO MODIFY THE CHARACTERISTIC OF CONNECTORS.	IFEI



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

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(2P+1P)*28+2C*24,SHLD,PVC,BK,5.0,UL2725	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

SEE REVISIONS
EC NO: CPG2014-2620 2014/02/21
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

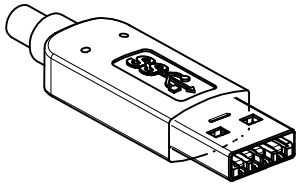
TITLE: USB 3.0 A MALE TO B MALE 1M

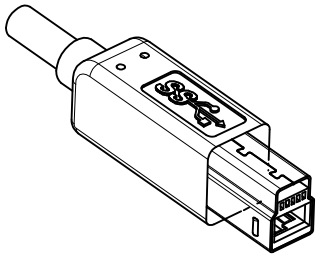
molex

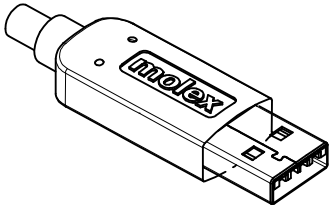
MATERIAL NO.: 687890004
DOCUMENT NO.: SD-68789-010
SHEET NO.: 1 OF 2
SIZE: A4

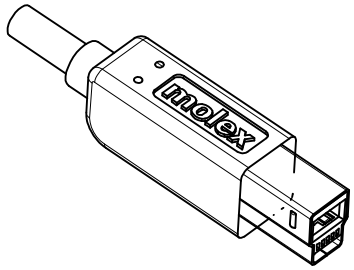
NOTE:

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	2014/02/21		
	CH'KD:			
	APPR: RTSAI	2014/03/11		
B			REV	DESCRIPTION

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ANGULAR ± 3 °		

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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
MATERIAL NO.	687890004
TITLE	USB 3.0 A MALE TO B MALE 1M
DOCUMENT NO.	SD-68789-010
SHEET NO.	2 OF 2
SIZE	A4

molex

REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
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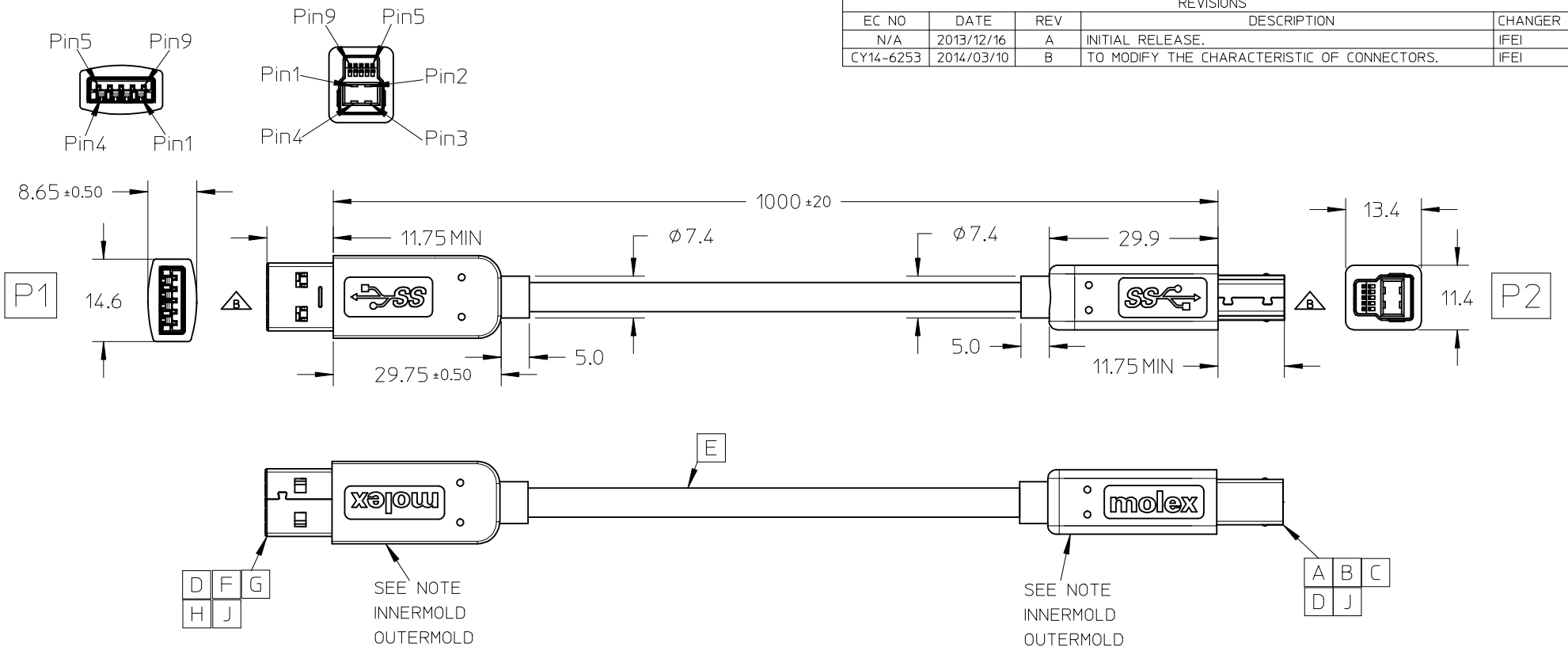
CY14-6253	2014/03/10	B	TO MODIFY THE CHARACTERISTIC OF CONNECTORS.	IFEI



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A	FRONT METAL SHELL FOR B PLUG		1

SEE REVISIONS
EC NO: CPG2014-2620 2014/02/21
DRWN: IFEI
CH'KD:
APPR: RTSAI 2014/03/11
DESCRIPTION
REV
B

QUALITY SYMBOLS
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F_C=0
F_P=0

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	mm	INCH
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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 1M

molex

MATERIAL NO.: 687890004
DOCUMENT NO.: SD-68789-010
SHEET NO.: 1 OF 2
SIZE: A4

NOTE:

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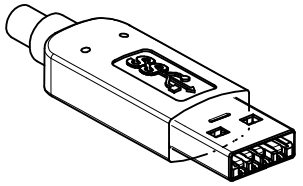

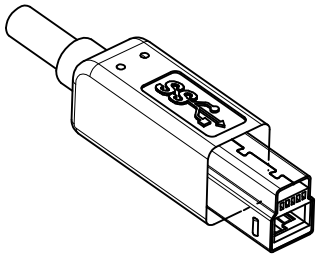

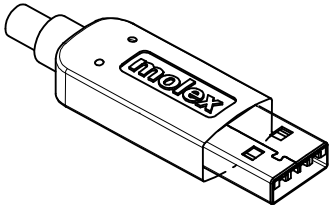

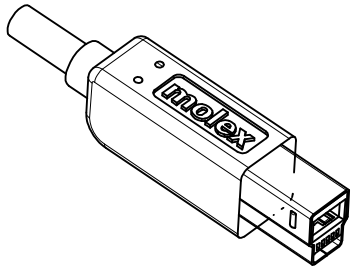

SEE REVISIONS				
EC NO: CPG2014-2620	DRWN: IFEI	2014/02/21		
	CH'KD:			
	APPR: RTSAI	2014/03/11		
B			REV	DESCRIPTION

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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
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molex