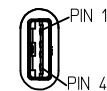
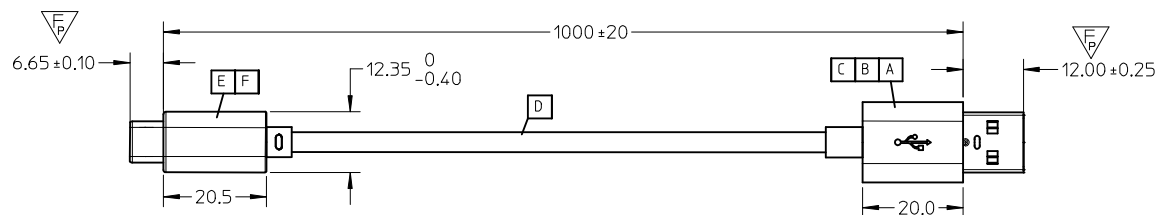
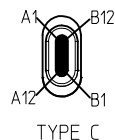


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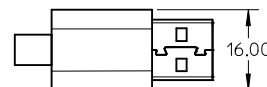
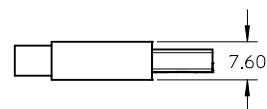
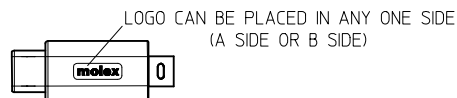
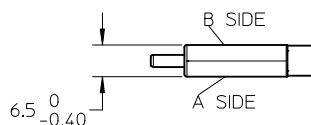
REVISIONS					
EC NO	DATE	REV	DESCRIPTION	CHANGER	
CY16-5179	2016/03/19	C	UPDATE FLEXING TEST REQUIREMENT	LUCY	
CY16-5923	2016/07/08	D	ADD MOLEX LOGO ON OUTER MOLD	LUCY	
CY16-5857	2016/07/21	E	CHANGE PCBA	LUCY	

P1



P2

USB 2.0 PLUG



PIN ASSIGNMENTS

Type C	SIGNAL NAME	WIRE COLOR	USB 2.0	SIGNAL NAME
A1,B1,A12,B12	GND	BLACK	4	GND
A4,B4,A9,B9	VBUS	RED	1	VBUS
A5	CC	-	-	-
B5	VCONN	-	-	-
A6	Dp1	GREEN	3	D+
A7	Dn1	WHITE	2	D-
SHELL	SHIELD	BRAID	SHELL	SHIELD

Rp
56Kohm

F	extended tube back metal shell	1
E	Type C plug Au 30u" 22pin+PCBA 2.0	1
D	1PX28+3CX24AWG,SHLD,PVC,BK,4.2MM,UL2725	AR
C	USB2.0, plug, A type,bottom shell	1
B	USB2.0, plug, A type,top shell(7.9mm)	1
A	USB2.0, plug, A type plating 30u"	1
ITEM	DESCRIPTION	QTY.

ENTER DESCRIPTION EC NO: CPG2017-0113 DRWN:XJGU001 CHKD:LUCY APPR:FNIE		2016/07/22 2016/07/22 2016/07/22 2016/07/25		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
ENTER REVISION REV		DESCRIPTION		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm INCH		DRAWN BY DATE		TITLE USB TYPE C TO USB 2.0 A MALE L=1M molex DOCUMENT NO. SD-68798-005 SHEET NO. 1 OF 2					
						4 PLACES ± --- ± ---		XJGU001 2015/12/04							
						3 PLACES ± --- ± ---		CHECKED BY DATE							
						2 PLACES ± 0.25 ± ---		LUCY 2015/12/04							
						1 PLACE ± 0.5 ± ---		APPROVED BY DATE							
				0 PLACE ± --- ± ---		FNIE 2015/12/04									
						ANGULAR ± ---°		MATERIAL NO.							
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		687980001							
								SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10 9 8 7 6 5 4 3 2 1

NOTE:

1. OVERMOLDING SPECIFICATION:

1.1 INNER MOLDING: PE RESIN

1.2 OUTER MOLDING: PVC BLACK RESIN

2. APPLICATION CONDITION

2.1 WORKING TEMPERATURE: -10°--- +50°

2.2 STORAGE TEMPERATURE: -20°--- +60°

3. MECHANICAL PERFORMACNE

3.1. CABLE ASSEMBLY CAN PASS FLEXING TEST, PER EIA364-41 CONDITION I WITH DIMENSION X=3.7 TIMES THE CABLE DIAMETER AND 100 CYCLES IN EACH OF TWO PLANES 120 DEGREE ARC.

3.2. CABLE SHOULD WITHSTAND A PULL FORCE 40N FOR ONE

MINUTE WITHOUT VISIBLE TERMINATION DAMAGE.PER EIA 364-38 METHOD A

3.3 CABLE SHOULD MEET 3.8.1.6 4-AXIS CONTINUITY TEST OF TYPE C STANDARD FOR P1 SIDE

4. ELECTRICAL PERFORMACNE

4.1 100% OPEN AND SHORT TEST

4.2 OTHER ELECTRICAL PERFORMANCE MEET USB TYPE-C LEGACY CABLE, C - PLUG A, USB 2.0

4.3 CURRENT RATING:3A, VOLTAGE DROP SHALL BE 250mV FOR GND AND 500mV FOR VBUS.

5. THIS PRODUCT MUST MEET Molex QEHS-699000-301

6. PRODUCT SPECIFICATION PS-68798-0003

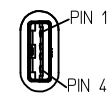
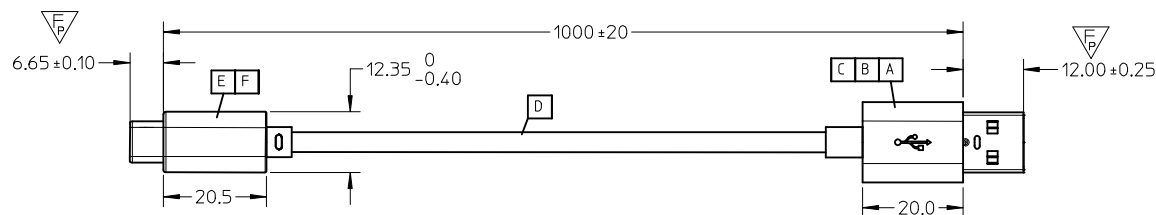
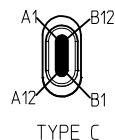
ENTER DESCRIPTION EC NO: CPG2017-0113 DRWN:XJGU001 2016/07/22 CHKD:LUCY 2016/07/22 APPR:FNIE 2016/07/25	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
					MM ONLY		---	METRIC				
							TITLE		USB TYPE C TO USB 2.0 A MALE L=1M			
							molex					

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

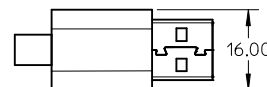
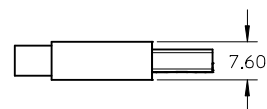
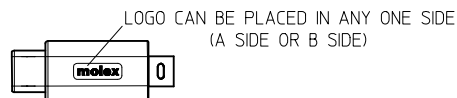
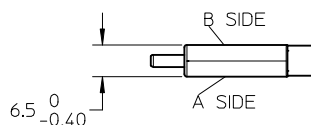
REVISIONS					
EC NO	DATE	REV	DESCRIPTION	CHANGER	
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P1



USB 2.0 PLUG

P2



PIN ASSIGNMENTS				
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A4,B4,A9,B9	VBUS	RED	1	VBUS
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B5	VCONN	-	-	-
A6	Dp1	GREEN	3	D+
A7	Dn1	WHITE	2	D-
SHELL	SHIELD	BRAID	SHELL	SHIELD

Rp
56Kohm

F	extended tube back metal shell	1
E	Type C plug Au 30u" 22pin+PCBA 2.0	1
D	1PX28+3CX24AWG,SHLD,PVC,BK,4.2MM,UL2725	AR
C	USB2.0, plug, A type,bottom shell	1
B	USB2.0, plug, A type,top shell(7.9mm)	1
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ITEM	DESCRIPTION	QTY.

ENTER DESCRIPTION EC NO: CPG2017-0113 DRWN:XJGU001 CHKD:LUCY APPR:FNIE		2016/07/22 2016/07/22 2016/07/22 2016/07/25		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
REV		F=0 F=0 F=2		DESCRIPTION	QUALITY SYMBOLS	mm		INCH		DRAWN BY		DATE		TITLE USB TYPE C TO USB 2.0 A MALE L=1M molex DOCUMENT NO. SD-68798-005 SHEET NO. 1 OF 2			
						4 PLACES		± ---		± ---		XJGU001				2015/12/04	
						3 PLACES		± ---		± ---		CHECKED BY				DATE	
						2 PLACES		± 0.25		± ---		LUCY				2015/12/04	
						1 PLACE		± 0.5		± ---		APPROVED BY				DATE	
						0 PLACE		± ---		± ---		FNIE				2015/12/04	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±---°		MATERIAL NO. 687980001		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

9 8 7 6 5 4 3 2 1

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6. PRODUCT SPECIFICATION PS-68798-0003

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Rev. G 2012/01/11

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