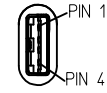
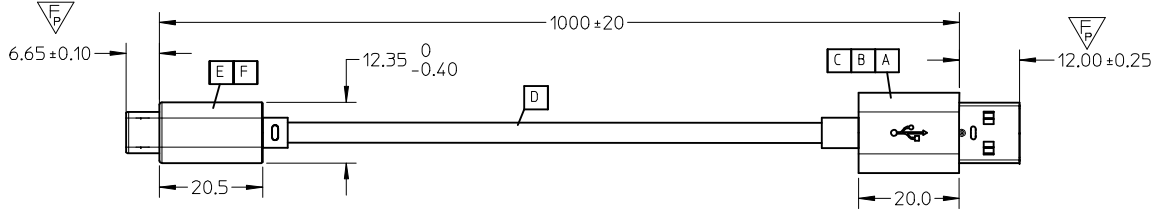
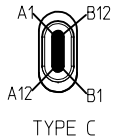


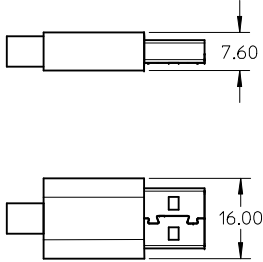
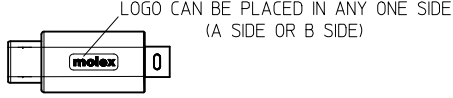
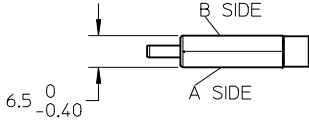
10 9 8 7 6 5 4 3 2 1

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



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,WHT,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		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
EC NO: CPG2017-0119	2016/07/22	DRWN:XJGU001	2016/07/22	CHKD:LUCY	2016/07/22	APPR:FNIE	2016/07/25	DESCRIPTION	REVISION	DESCRIPTION	REVISION	DESCRIPTION	REVISION
F/A=0		F/G=0		F/B=2		4 PLACES ± --- ± ---		3 PLACES ± --- ± ---		2 PLACES ± 0.25 ± ---		1 PLACE ± 0.5 ± ---	
0 PLACE ± --- ± ---		ANGULAR ± --- °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY XJGU001 DATE 2015/12/04		CHECKED BY LUCY DATE 2015/12/04		APPROVED BY FNIE DATE 2015/12/04		MATERIAL NO. 687980005	
DOCUMENT NO. SD-68798-004		SHEET NO. 1 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		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

F

E

D

C

B

A

F

E

D

C

B

A

10987654321

NOTE:
1. OVERMOLDING SPECIFICATION:
1.1 INNER MOLDING: PE RESIN
1.2 OUTER MOLDING: PVC WHITE 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: CPG2017-0119 DRWN:XJGU001 2016/07/22 CHKD:LUCY 2016/07/22 APPR:FNIE 2016/07/25			DESCRIPTION REV	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					mm		INCH		DRAWN BY	DATE	TITLE USB TYPE C TO USB 2.0 A WHITE, L=1M				
									CHECKED BY	DATE					
									APPROVED BY	DATE	molex				
		4 PLACES ± --- ± ---		XJGU001 2015/12/04		DOCUMENT NO. SD-68798-004									
		3 PLACES ± --- ± ---		LUCY 2015/12/04							SHEET NO. 2 OF 2				
		2 PLACES ± 0.25 ± ---				MATERIAL NO. 687980005									
		1 PLACE ± 0.5 ± ---									SIZE A3				
		0 PLACE ± --- ± ---		FNIE 2015/12/04		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
		ANGULAR ± ---°													
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													