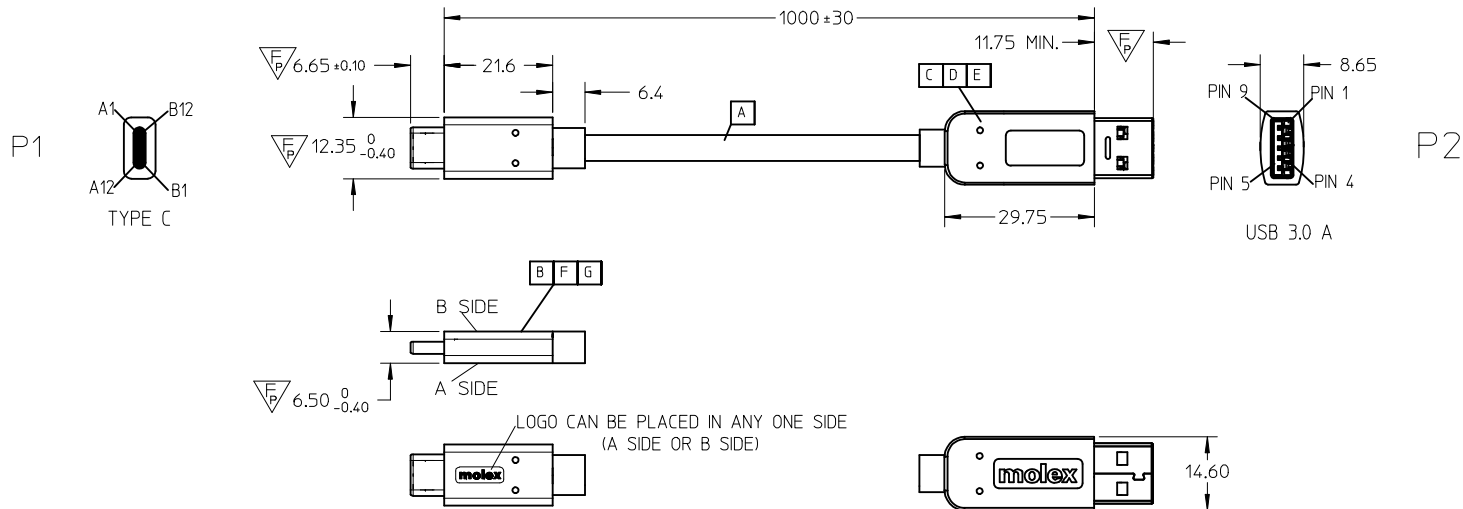
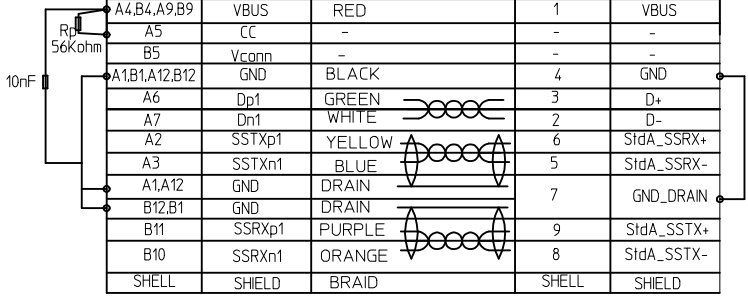


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/05/23	A	INITIAL RELEASE	LUCY
CY16-5923	2016/07/08	B	ADD MOLEX LOGO ON OUTER MOLD	LUCY
CY16-6438	2016/09/27	C	UPDATE OUTER MOLD DIMENSIONS ON P1 END: 21.6MM WAS 23.0MM; 6.4MM WAS 5.0MM; CHANGE INNER MOLD RESIN TO HDPE	LUCY



ITEM	DESCRIPTION	QTY.
G	Type C stamping up shell for OD4.6&4.8	1
F	Typec stamping bottom shell for OD4.6	1
E	Front metal shell for USB3.0 A/MALE	1
D	USB A Male 3.0 solder pin with AU 30u"	1
C	Rear Metal for USB 3.0 A/Male	1
B	PCBA, Usb Type C to usb3.1 paddel card	1
A	(2P+1P)X32+3CX24,SHD,PVC,BK;4.6MM;UL2725	AR

PIN ASSIGNMENTS				
Type C	SIGNAL NAME	WIRE COLOR	USB 3.0 A	SIGNAL NAME
A4,B4,A9,B9	VBUS	RED	1	VBUS
A5	CC	-	-	-
B5	Vcann	-	-	-
A1,B1,A12,B12	GND	BLACK	4	GND
A6	Dp1	GREEN	3	D+
A7	Dn1	WHITE	2	D-
A2	SSTXp1	YELLOW	6	StdA_SSRX+
A3	SSTXn1	BLUE	5	StdA_SSRX-
A1,A12	GND	DRAIN	7	GND_DRAIN
B12,B1	GND	DRAIN	-	-
B11	SSRXp1	PURPLE	9	StdA_SSTX+
B10	SSRXn1	ORANGE	8	StdA_SSTX-
SHELL	SHIELD	BRAID	SHELL	SHIELD



ENTER DESCRIPTION
 EC NO: CPG2017-0507
 DRW: XJGU001
 CHKD: LUCY
 APPR: FNIE

QUALITY SYMBOLS
 F=0
 F=0
 F=4

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.5	± ---
0 PLACE	± ---	± ---

ANGULAR ± --- °
 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY: XJGU001
 DATE: 2016/05/31

CHECKED BY: LUCY
 DATE: 2016/05/31

APPROVED BY: FNIE
 DATE: 2016/05/31

MATERIAL NO.
687980007

SCALE: ---
 DESIGN UNITS: **METRIC**

THIRD ANGLE PROJECTION

TITLE: **USB TYPE C TO USB 3.0 A, L=1M**

molex

DOCUMENT NO.: **SD-68798-007**

SHEET NO.: **1 OF 2**

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

NOTE:

1. OVERMOLDING SPECIFICATION:

- 1.1 INNER MOLDING: HDPE 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 3.0 STANDARD
- 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-68798-0002

ENTER DESCRIPTION EC NO: CPG2017-0507 DRWN:XJGU001 CHKD:LUCY APPR:FNIE	2016/09/29 2016/09/29 2016/09/29	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 XJGU001	DATE 2016/05/31	TITLE USB TYPE C TO USB 3.0 A, L=1M				
					CHECKED BY LUCY	DATE 2016/05/31					
					APPROVED BY FNIE	DATE 2016/05/31					
			MATERIAL NO. 687980007		DOCUMENT NO. SD-68798-007						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ±---°		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				