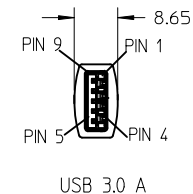
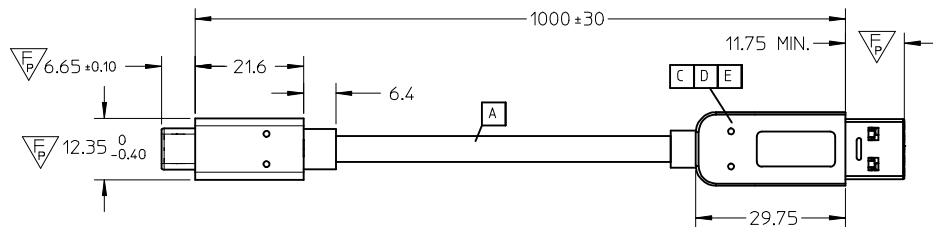
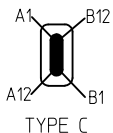
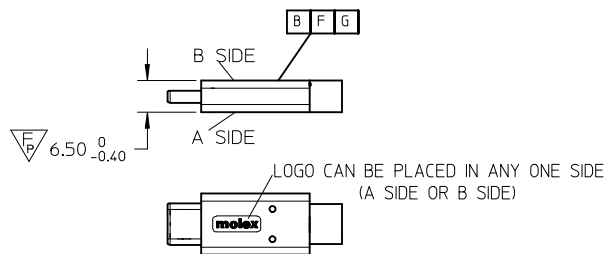


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/05/23	A	INITIAL RELEASE	LUCY
CY16-5923	2016/07/08	B	ADD MOLEX LOGO ON OUTER MOLD	LUCY
CY16-6438	2016/09/27	C	UPDATE OUTER MOLD DIMENSIONS ON P1 END: 21.6MM WAS 23.0MM; 6.4MM WAS 5.0MM; CHANGE INNER MOLD RESIN TO HDPE	LUCY

P1

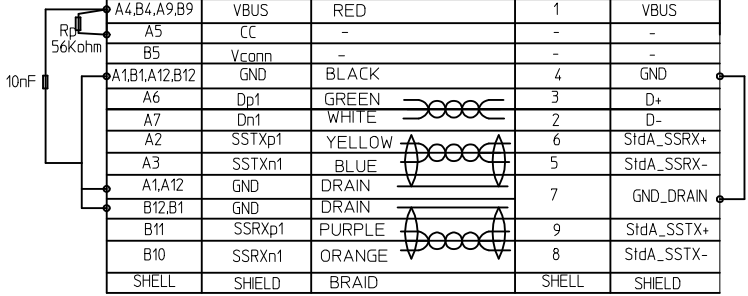


P2



G	Type C stamping up shell for OD4.6&4.8	1
F	Typenc 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  
 $\nabla_F=0$   
 $\nabla_F=0$   
 $\nabla_F=4$

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**

SCALE  
 ---  
**METRIC**

THIRD ANGLE PROJECTION

DRAWN BY: XJGU001  
 DATE: 2016/05/31

CHECKED BY: LUCY  
 DATE: 2016/05/31

APPROVED BY: FNIE  
 DATE: 2016/05/31

MATERIAL NO.  
**687980007**

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


**molex**

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

SHEET NO.  
**1 OF 2**

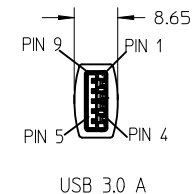
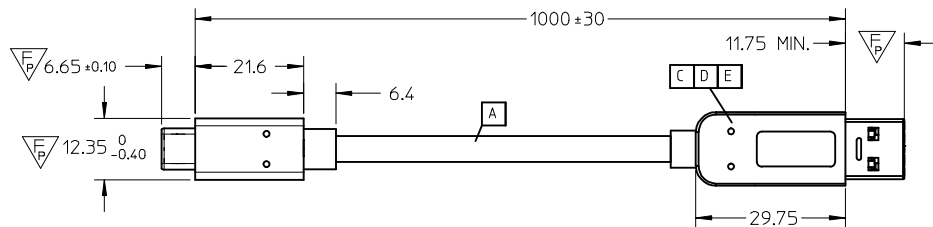
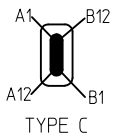
NOTE:

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

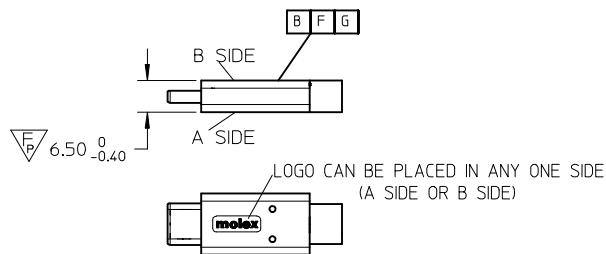
ENTER DESCRIPTION EC NO: CPG2017-0507 DRWN:XJGU001 CHKD:LUCY APPR:FNIE	2016/09/29 2016/09/29 2016/09/29	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ----	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY XJGU001	DATE 2016/05/31	TITLE USB TYPE C TO USB 3.0 A, L=1M					
			4 PLACES	± ---	± ---	CHECKED BY LUCY	DATE 2016/05/31					
			3 PLACES	± ---	± ---	APPROVED BY FNIE	DATE 2016/05/31					
	2 PLACES	± 0.25	± ---	MATERIAL NO. 687980007		DOCUMENT NO. SD-68798-007		SHEET NO. 2 OF 2				
	1 PLACE	± 0.5	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	0 PLACE	± ---	± ---	SIZE A3								

REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
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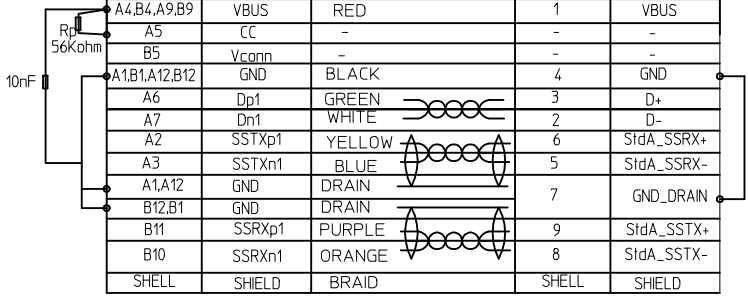


P2



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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
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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

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				4 PLACES	± ---	± ---	CHECKED BY LUCY	DATE 2016/05/31				
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		1 PLACE	± 0.5	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
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