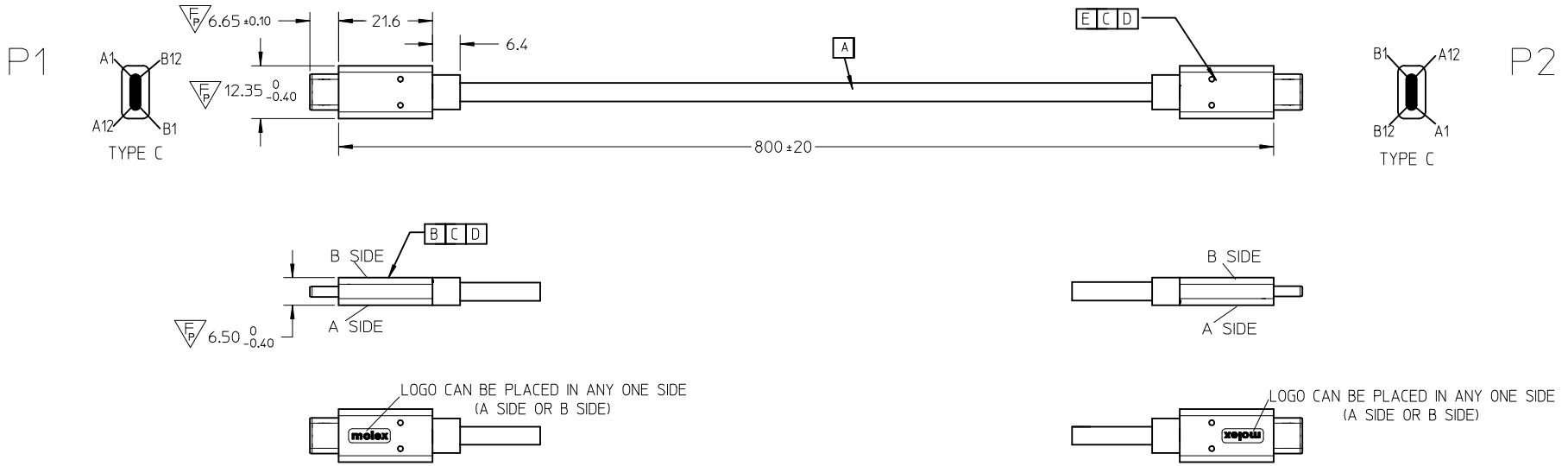


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
CY16-6036	2016/07/21	F	CHANGE INNER MOLDING RESIN FROM LDPE TO HDPE	LUCY
CY16-6438	2016/09/27	G	UPDATE OUTERMOLD DIMENSIONS: 21.6MM WAS 23.0MM, 6.4MM WAS 5.0MM	LUCY
CY17-5223	2017/02/24	H	CHANGE INNER MOLDING RESIN	LUCY



TABLE

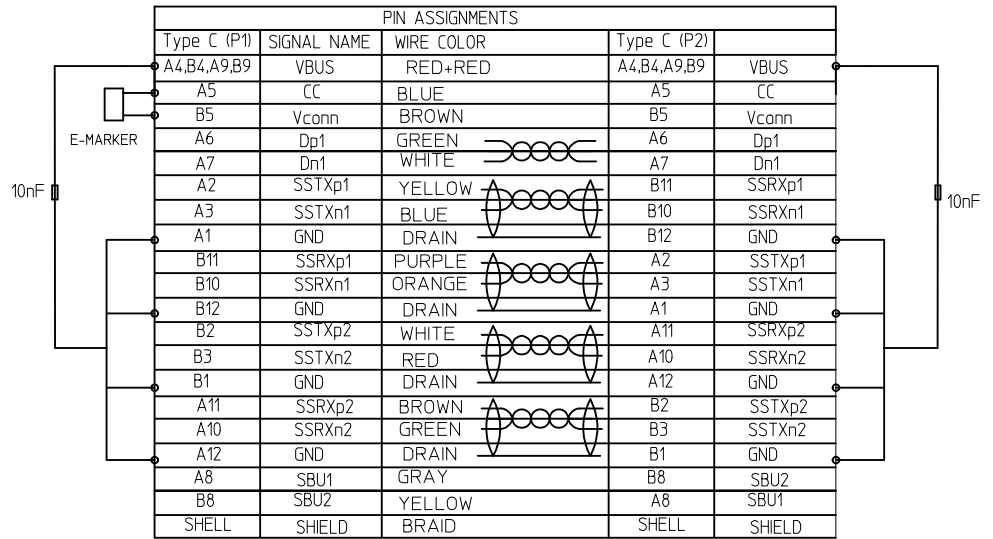
3A, 500mV/Vbus, 250mV/GND
CURRENT/DROP VOLTAGE

E	PCBA,USB Type C paddel card w/o Emarker	1
D	Type C stamping up shell for OD4.6&4.8	2
C	Typec stamping bottom shell for OD4.6	2
B	PCBA, USB Type C to Type C, 3.0/3.1, 3A	1
A	(5P+4C)X32+2CX28;SHD,PVC,BK;4.8MM;UL2725	AR
ITEM	DESCRIPTION	QTY.

ENTER DESCRIPTION EC NO: CPG2017-1139 2017/02/25 DRWN: XJGU001 2017/02/25 CHKD: LUCY 2017/02/25 APPR: FNIE 2017/02/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																		
	$\nabla_A = 0$ $\nabla_C = 0$ $\nabla_B = 3$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.5</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± 0.5	± ---	0 PLACE	± ---	± ---	DRAWN BY: XJGU001 DATE: 2015/12/03 CHECKED BY: LUCY DATE: 2015/12/03 APPROVED BY: FNIE DATE: 2015/12/03	TITLE USB TYPE C TO C 3.1 GEN 2, L=0.8M, 3A			SHEET NO. 1 OF 2
		mm	INCH																						
	4 PLACES	± ---	± ---																						
3 PLACES	± ---	± ---																							
2 PLACES	± 0.25	± ---																							
1 PLACE	± 0.5	± ---																							
0 PLACE	± ---	± ---																							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 687980004	DOCUMENT NO. SD-68798-003	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION																						
ENTER DESCRIPTION EC NO: CPG2017-1139 2017/02/25 DRWN: XJGU001 2017/02/25 CHKD: LUCY 2017/02/25 APPR: FNIE 2017/02/26	QUALITY SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_B = 3$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.5</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± 0.5	± ---	0 PLACE	± ---	± ---	DRAWN BY: XJGU001 DATE: 2015/12/03 CHECKED BY: LUCY DATE: 2015/12/03 APPROVED BY: FNIE DATE: 2015/12/03	TITLE USB TYPE C TO C 3.1 GEN 2, L=0.8M, 3A			SHEET NO. 1 OF 2
	mm	INCH																							
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 687980004	DOCUMENT NO. SD-68798-003	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION																						
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	mm	INCH																							
4 PLACES	± ---	± ---																							
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 687980004	DOCUMENT NO. SD-68798-003	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION																						

NOTE:

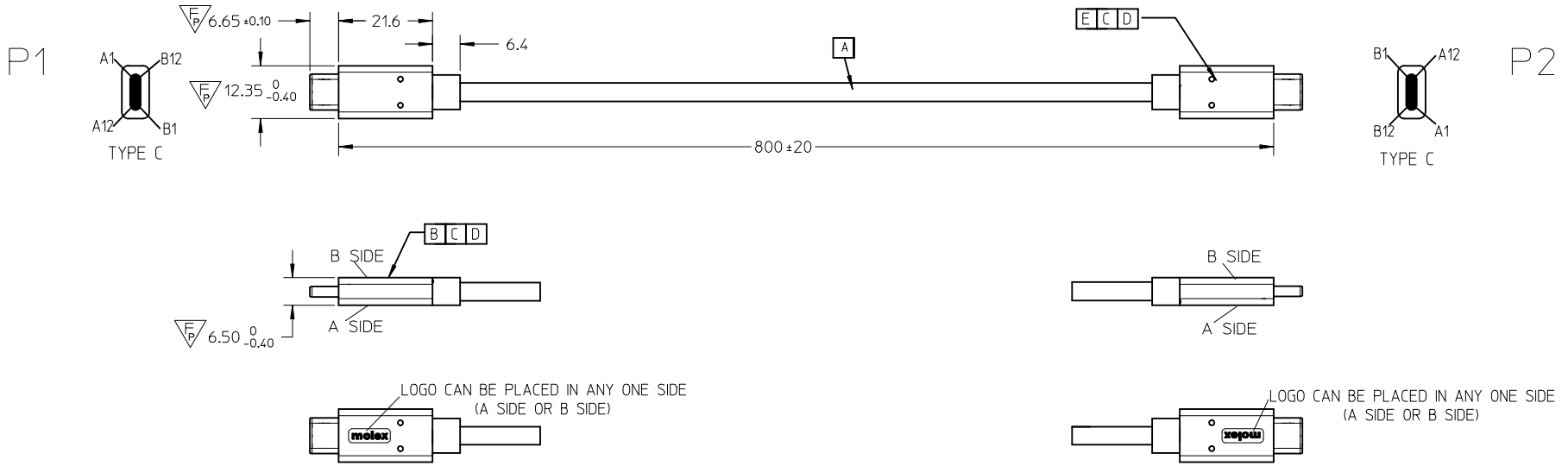
1. OVERMOLDING SPECIFICATION:
 - 1.1 INNER MOLDING: PE RESIN
 - 1.2 OUTER MOLDING: PVC BLACK RESIN
2. APPLICATION CONDITION
 - 2.1 WORKING TEMPERATURE: -10°--- +50°
 - 2.2 STORAGE TEMPERATURE : -20°--- +60°
3. MECHANICAL PERFORMACNE
 - 3.1. CABLE ASSEMBLY CAN PASS FLEXING TEST, PER EIA364-41 CONDITION 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
- 4.ELECTRICAL PERFORMACNE
 - 4.1 100% OPEN AND SHORT TEST
 - 4.2 OTHER ELECTRICAL PERFORMANCE MEET USB TYPE-C STANDARD CABLE, C - C, USB 3.1 GEN2
 - 4.3 CURRENT RATING:SEE TABLE
5. THIS PRODUCT MUST MEET Molex QEHS-699000-301
- 6.PRODUCT SPECIFICATION PS-68798-0001
- 7.THIS PRODUCT NEED ESD PROTECTION.



NOTE:
PIN B5 (VCONN) OF THE USB TYPE-C PLUG SHALL BE USED IN ELECTRONICALLY MARKED VERSIONS OF THIS CABLE

ENTER DESCRIPTION EC NO: CPG2017-1139 DRWN:XJGU001 CHKD:LUCY APPR:FNIE	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ----	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		$\nabla_A = 0$ $\nabla_B = 0$ $\nabla_C = 0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.5 ± --- 0 PLACE ± --- ± ---	mm INCH ± --- ± --- ± 0.25 ± --- ± 0.5 ± --- ± --- ± ---	DRAWN BY XJGU001 CHECKED BY LUCY APPROVED BY FNIE	DATE 2015/12/03 DATE 2015/12/03 DATE 2015/12/03	TITLE USB TYPE C TO C 3.1 GEN 2, L=0.8M, 3A			
		ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 687980004	DOCUMENT NO. SD-68798-003	SHEET NO. 2 OF 2					
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					molex			

REVISIONS				
REV	DATE	DESCRIPTION	CHANGER	
F	2016/07/21	CHANGE INNER MOLDING RESIN FROM LDPE TO HDPE	LUCY	
G	2016/09/27	UPDATE OUTERMOLD DIMENSIONS: 21.6MM WAS 23.0MM, 6.4MM WAS 5.0MM	LUCY	
H	2017/02/24	CHANGE INNER MOLDING RESIN	LUCY	



TABLE

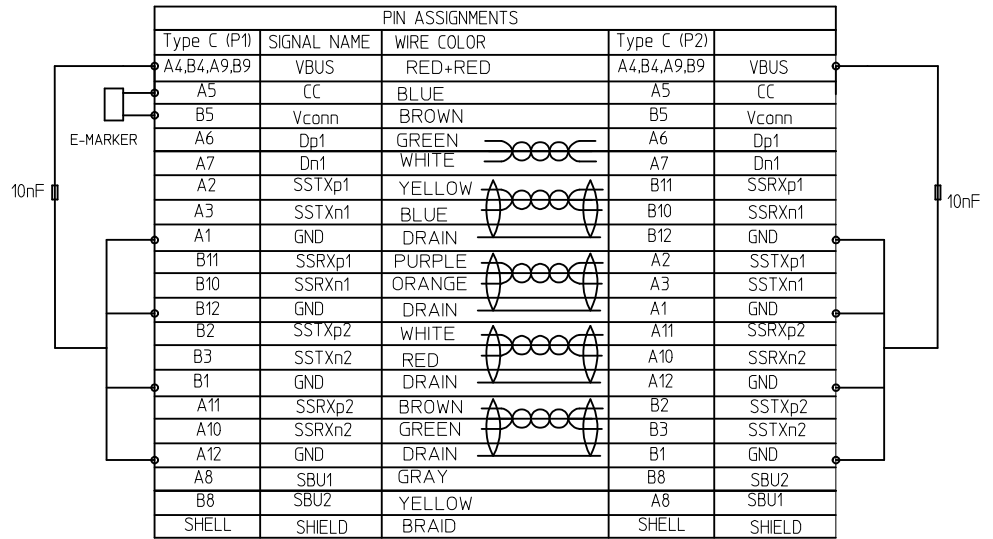
3A, 500mV/Vbus, 250mV/GND
CURRENT/DROP VOLTAGE

E	PCBA,USB Type C paddel card w/o Emarker	1
D	Type C stamping up shell for OD4.6&4.8	2
C	Typec stamping bottom shell for OD4.6	2
B	PCBA, USB Type C to Type C, 3.0/3.1, 3A	1
A	(5P+4C)X32+2CX28;SHD,PVC,BK;4.8MM;UL2725	AR
ITEM	DESCRIPTION	QTY.

ENTER DESCRIPTION EC NO: CPG2017-1139 DRWN:XJGU001 CHKD:LUCY APPR:FNIE	DESCRIPTION 2017/02/25 2017/02/25 2017/02/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		$\nabla_A=0$ $\nabla_C=0$ $\nabla_B=3$	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.5 ± --- 0 PLACE ± --- ± ---	MM ONLY	---	METRIC	
		ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: XJGU001 DATE: 2015/12/03 CHECKED BY: LUCY DATE: 2015/12/03 APPROVED BY: FNIE DATE: 2015/12/03	TITLE	USB TYPE C TO C 3.1 GEN 2, L=0.8M, 3A		
		MATERIAL NO. 687980004	DOCUMENT NO. SD-68798-003	SHEET NO. 1 OF 2			

NOTE:

1. OVERMOLDING SPECIFICATION:
 - 1.1 INNER MOLDING: PE RESIN
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2. APPLICATION CONDITION
 - 2.1 WORKING TEMPERATURE: -10°--- +50°
 - 2.2 STORAGE TEMPERATURE : -20°--- +60°
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 - 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.
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- 6.PRODUCT SPECIFICATION PS-68798-0001
- 7.THIS PRODUCT NEED ESD PROTECTION.



NOTE:
PIN B5 (VCONN) OF THE USB TYPE-C PLUG SHALL BE USED IN ELECTRONICALLY MARKED VERSIONS OF THIS CABLE

ENTER DESCRIPTION EC NO: CPG2017-1139 DRWN:XJGU001 CHKD:LUCY APPR:FNIE	DESCRIPTION 2017/02/25 2017/02/25 2017/02/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ----	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		▽ _A =0	mm	INCH	DRAWN BY	DATE	TITLE			
		▽ _B =0	4 PLACES ± --- ± ---		XJGU001	2015/12/03	USB TYPE C TO C 3.1 GEN 2, L=0.8M, 3A			
		▽ _C =0	3 PLACES ± --- ± ---		CHECKED BY	DATE				
		2 PLACES ± 0.25 ± ---		LUCY	2015/12/03	molex				
		1 PLACE ± 0.5 ± ---		APPROVED BY	DATE					
		0 PLACE ± --- ± ---		FNIE	2015/12/03	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
		ANGULAR ± --- °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		687980004		SD-68798-003		2 OF 2	
					SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				