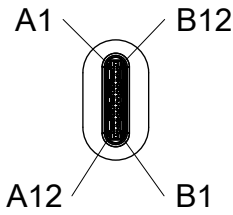
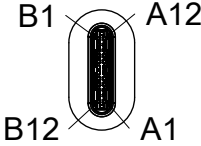
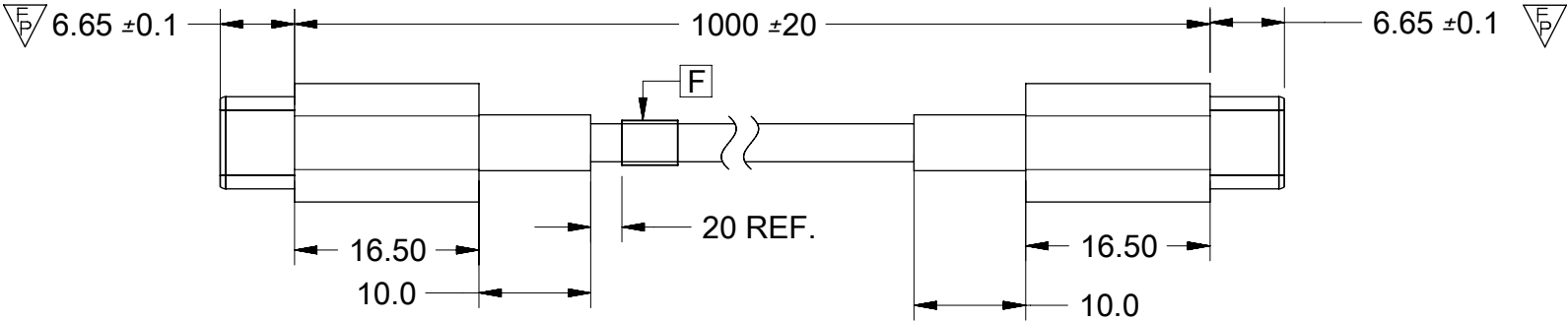


| REVISIONS |            |     |                 |         |
|-----------|------------|-----|-----------------|---------|
| EC NO     | DATE       | REV | DESCRIPTION     | CHANGER |
| NA        | 2017/12/13 | A   | INITIAL RELEASE | LUCY    |
|           |            |     |                 |         |
|           |            |     |                 |         |



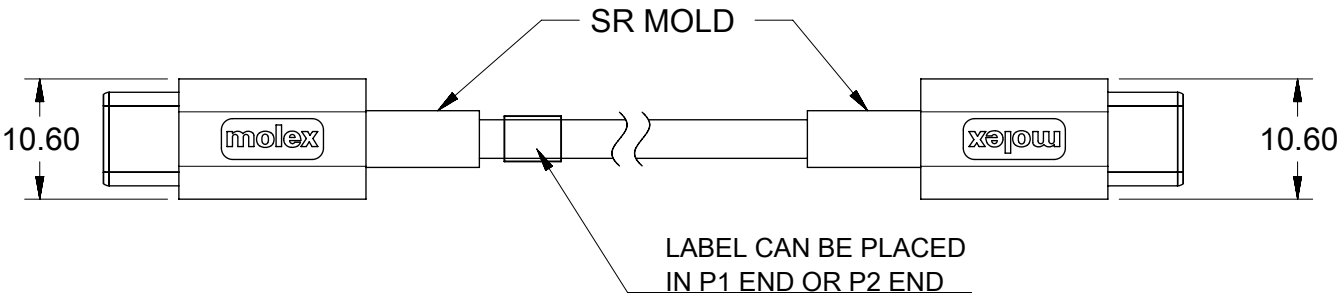
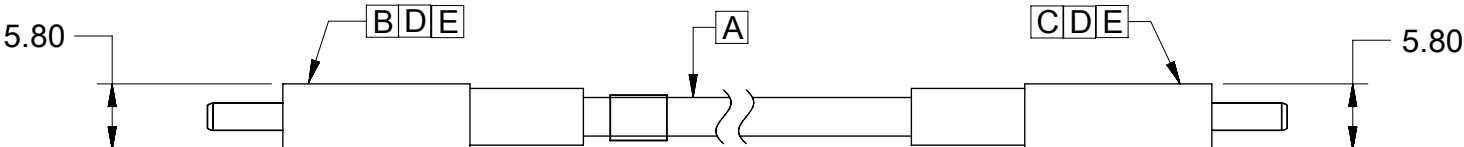
P1

TYPE C



P2

TYPE C

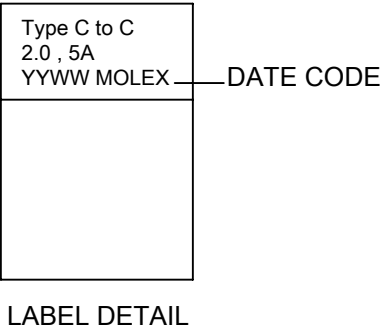


|      |                                                                |      |
|------|----------------------------------------------------------------|------|
| F    | LABEL                                                          | 1    |
| E    | Right metal shell                                              | 2    |
| D    | Left metal shell                                               | 2    |
| C    | USB Type C 5A PCBA without E-Mark                              | 1    |
| B    | USB Type C 5A PCBA with E-Mark                                 | 1    |
| A    | 1Px32AWG+2Cx26AWG+2Cx32AWG,shielded,TPE,BLACK,OD3.40mm,UL21394 | AR   |
| ITEM | DESCRIPTION                                                    | QTY. |

|                                                                                                                                               |  |                                                                                                            |  |                                          |  |                 |  |                    |  |                                                                                                           |  |                                                                                        |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------|--|------------------------------------------|--|-----------------|--|--------------------|--|-----------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                                                            |  |                                          |  |                 |  |                    |  |                                                                                                           |  |                                                                                        |  |  |
| QUALITY SYMBOLS                                                                                                                               |  | 2017/12/13<br>2018/01/02<br>2018/01/03<br><br>EC NO: 170148<br>DRWN: LL1205<br>CHK'D: LL1205<br>APPR: FNIE |  | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |  | DIMENSION UNITS |  | SCALE              |  | <div>molex®</div> <div>USB 2.0 TYPE C TO C BLACK CABLE,L=1M,5A</div>                                      |  |                                                                                        |  |  |
|                                                                                                                                               |  |                                                                                                            |  |                                          |  | mm              |  | 1.5:1              |  |                                                                                                           |  |                                                                                        |  |  |
| <div>F</div> = 0                                                                                                                              |  |                                                                                                            |  | ANGULAR TOL ± 3.0 °                      |  | DRWN BY         |  | DATE               |  | PRODUCT CUSTOMER DRAWING                                                                                  |  |                                                                                        |  |  |
| <div>F</div> = 0                                                                                                                              |  |                                                                                                            |  |                                          |  | XJGU001         |  | 2016/09/01         |  |                                                                                                           |  |                                                                                        |  |  |
| <div>F</div> = 2                                                                                                                              |  |                                                                                                            |  | CHK'D BY                                 |  | DATE            |  |                    |  |                                                                                                           |  |                                                                                        |  |  |
| <div>F</div> = 0                                                                                                                              |  |                                                                                                            |  | ZZXIAN                                   |  | 2017/08/30      |  |                    |  |                                                                                                           |  |                                                                                        |  |  |
| <div>F</div> = 0                                                                                                                              |  |                                                                                                            |  | 4 PLACES                                 |  | ±               |  | APPR BY            |  | DATE                                                                                                      |  | SERIES<br>201241<br><br>MATERIAL NUMBER<br>687980008<br><br>CUSTOMER<br>GENERAL MARKET |  |  |
| <div>F</div> = 0                                                                                                                              |  |                                                                                                            |  | 3 PLACES                                 |  | ±               |  | FNIE               |  | 2018/01/03                                                                                                |  |                                                                                        |  |  |
| <div>F</div> = 0                                                                                                                              |  |                                                                                                            |  | 2 PLACES                                 |  | ± 0.25          |  | DRAWING SIZE<br>A3 |  | THIRD ANGLE PROJECTION<br><div><div></div><div></div></div>                                               |  |                                                                                        |  |  |
| <div>F</div> = 0                                                                                                                              |  |                                                                                                            |  | 1 PLACE                                  |  | ± 0.5           |  |                    |  |                                                                                                           |  |                                                                                        |  |  |
| <div>F</div> = 0                                                                                                                              |  | 0 PLACES                                                                                                   |  | ±                                        |  |                 |  |                    |  | DOCUMENT NUMBER<br>2012410159<br><br>DOC TYPE<br>PSD<br><br>DOC PART<br>000<br><br>SHEET NUMBER<br>1 OF 2 |  |                                                                                        |  |  |
| <div>F</div> = 0                                                                                                                              |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                 |  |                                          |  |                 |  |                    |  |                                                                                                           |  |                                                                                        |  |  |

|                |    |              |            |          |
|----------------|----|--------------|------------|----------|
| RELEASE STATUS | P1 | RELEASE DATE | 03.01.2018 | 01:05:31 |
|----------------|----|--------------|------------|----------|

NOTE:  
1. OVERMOLDING SPECIFICATION:  
1.1 INNER MOLDING: PP RESIN  
1.2 SR MOLDING: TPE BLACK RESIN  
1.3 OUTER MOLDING: TPE BLACK RESIN  
2. APPLICATION CONDITION  
2.1 WORKING TEMPERATURE: -10°--- +50°  
2.2 STORAGE TEMPERATURE: -20°--- +60°  
3. MECHANICAL PERFORMACNE  
3.1.BENDING TEST:200G, +/-90°, 12~14CYCLES/MINUTES, R=25.4MM,  
HORIZONTAL FOR 500 CYCLES AND VERTICAL FOR 500 CYCLES, NO LESS THAN  
1000 times/cycles\*3 CYCLES=3000 TIMES  
3.2. CABLE SHOULD WITHSTAND A PULL FORCE 40N FOR ONE  
MINUTE WITHOUT VISIBLE TERMINATION DAMAGE.PER EIA 364-38 METHOD A  
4. ELECTRICAL PERFORMACNE  
4.1 100% OPEN AND SHORT TEST  
4.2 HIGH FREQUENCY ELECTRICAL PERFORMANCE MEET USB TYPE C - TYPE C, USB 2.0 REQUIREMENT.  
4.3 CURRENT RATING:5A, VOLTAGE DROP SHALL BE 375mV FOR GND AND 625mV FOR VBUS.  
5. THIS PRODUCT MUST MEET EU ROHS  
6.LABEL REQUIREMENT  
WHITE BLACKGROUND WITH BLACK TEXT  
FONT: ARIAL; HEIGHT: 2mm REF;  
LEFT ON HORIZONTAL  
7.THIS PRODUCT NEED ESD PROTECTION  
8.PRODUCT NEED INPUT E-MARKER INFORMATION



| PIN ASSIGNMENTS |             |            |             |               |
|-----------------|-------------|------------|-------------|---------------|
| Type C(P1)      | SIGNAL NAME | WIRE COLOR | SIGNAL NAME | Type C(P2)    |
| A1,B1,A12,B12   | GND         | DRAIN      | GND         | A1,B1,A12,B12 |
| A4,B4,A9,B9     | VBUS        | VIOLET     | VBUS        | A4,B4,A9,B9   |
|                 |             | VIOLET     |             |               |
| A5              | CC          | BLUE       | CC          | A5            |
| B5              | VCONN       | BROWN      | VCONN       | B5            |
| A6              | Dp1         | GREEN      | Dp1         | A6            |
| A7              | Dn1         | WHITE      | Dn1         | A7            |
| SHELL           | SHIELD      | BRAID      | SHIELD      | SHELL         |

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|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|---------------------------------------|-----------------|------------|--------------|--|----------------------------------------------------------------------|--|------------|--|--------------------------|--|-----------------|-----|-----------------|----------|--|----------------|--|--------------|--|
| QUALITY SYMBOLS                                                                                                                               |                                                      | 2017/12/13<br>2018/01/02<br>2018/01/03 | 2017/12/13<br>2018/01/02<br>2018/01/03 | 2017/12/13<br>2018/01/02<br>2018/01/03 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION UNITS |            | SCALE        |  | <div>molex®</div> <div>USB 2.0 TYPE C TO C BLACK CABLE,L=1M,5A</div> |  |            |  |                          |  |                 |     |                 |          |  |                |  |              |  |
| <div>FA</div> = 0                                                                                                                             | mm                                                   |                                        |                                        |                                        |                                       | 1:1             |            |              |  |                                                                      |  |            |  |                          |  |                 |     |                 |          |  |                |  |              |  |
| <div>FC</div> = 0                                                                                                                             | DRWN BY                                              |                                        |                                        |                                        |                                       | DATE            |            |              |  |                                                                      |  |            |  |                          |  |                 |     |                 |          |  |                |  |              |  |
| <div>FP</div> = 0                                                                                                                             | XJGU001                                              |                                        |                                        |                                        |                                       | 2016/09/01      |            |              |  |                                                                      |  |            |  |                          |  |                 |     |                 |          |  |                |  |              |  |
| <div>FV</div> = 0                                                                                                                             | ANGULAR TOL ± 3.0 °                                  |                                        |                                        |                                        |                                       | CHK'D BY        |            |              |  | DATE                                                                 |  |            |  | PRODUCT CUSTOMER DRAWING |  |                 |     |                 |          |  |                |  |              |  |
| <div>▽</div> = 0                                                                                                                              | 4 PLACES                                             |                                        |                                        |                                        |                                       | ±               |            | ZZXIAN       |  |                                                                      |  | 2017/08/30 |  |                          |  |                 |     |                 |          |  |                |  |              |  |
| <div>▽</div> = 0                                                                                                                              | 3 PLACES                                             |                                        |                                        |                                        |                                       | ±               |            | APPR BY      |  |                                                                      |  | DATE       |  |                          |  |                 |     |                 |          |  |                |  |              |  |
| <div>C</div> = 0                                                                                                                              | 2 PLACES                                             |                                        |                                        |                                        |                                       | ± 0.25          |            | FNIE         |  |                                                                      |  | 2018/01/03 |  |                          |  | SERIES          |     | MATERIAL NUMBER |          |  | CUSTOMER       |  |              |  |
| <div>⊠</div> = 0                                                                                                                              | 1 PLACE                                              |                                        |                                        |                                        |                                       | ± 0.5           |            | DRAWING SIZE |  | THIRD ANGLE PROJECTION                                               |  |            |  |                          |  | 201241          |     | 687980008       |          |  | GENERAL MARKET |  |              |  |
| <div>■</div> = 0                                                                                                                              | 0 PLACES                                             |                                        |                                        |                                        |                                       | ±               |            | A3           |  | <div><div></div><div></div></div>                                    |  |            |  |                          |  | DOCUMENT NUMBER |     |                 | DOC TYPE |  | DOC PART       |  | SHEET NUMBER |  |
| <div>▽</div> = 0                                                                                                                              | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                        | A                                      |                                        | REV                                   |                 | 2012410159 |              |  |                                                                      |  |            |  |                          |  |                 | PSD |                 | 000      |  | 2 OF 2         |  |              |  |