REFERENCE DRAWING

Pin No | Signal Name | Mating Sequence | Pin No | Signal Name | Mating Sequence
--- | --- | --- | --- | --- | ---
A1 | GND | First | B12 | GND | First
A2 | | | B11 | | |
A3 | | | B10 | | |
A4 | VBUS | First | B9 | VBUS | First
A5 | CC1 | Second | B8 | SBUS2 | Second
A6 | D+ | Second | B7 | D− | Second
A7 | D− | Second | B6 | D+ | Second
A8 | SBUS1 | Second | B5 | CC2 | Second
A9 | VBUS | First | B4 | VBUS | First
A10 | | | B3 | | |
A11 | | | B2 | | |
A12 | GND | First | B1 | GND | First
SMELL | GND | | | | |

GENERAL TOLERANCE
X±0.50 x ‘± 5’
X±0.38 x ‘± 2’
X±0.25

FILE NO.
C12401834

REV.
A

PART NO.
12401834E412A

TITLE
USB 2.0 TYPE C CONNECTOR

DRAWN
SUNNY.FAN

CHECKED
WEISON.LU

APPROVED
TOM

BILL OF MATERIAL

MATERIAL
04-08-2018

SCALE
1:1

UNIT
MM

Amphenol Shoumin Industry
NOTES:
1. MATERIAL: SEE TABLE
2. COPLANARITY: 0.10 Max.
3. ELECTRICAL CHARACTERISTICS
   LOW LEVEL CONTACT RESISTANCE: 40mΩ Max
   INSULATION RESISTANCE: 100MΩ Min
   DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC
   CONTACT CURRENT RATING: 5A Max
4. MECHANICAL CHARACTERISTICS
   INSERTION FORCE: 5~20N
   EXTRACTION FORCE: 8~20N
   AFTER DURABILITY EXTRACTION FORCE: 6~20N
5. DURABILITY: 10000 CYCLES
6. PACKAGING TYPE: CARRIER TAPE
7. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# SSN002
   AND CUSTOMER REQUIREMENTS, FOR HALOGEN FREE PRODUCTS,
   ALSO NEED TO MEET SSN004