

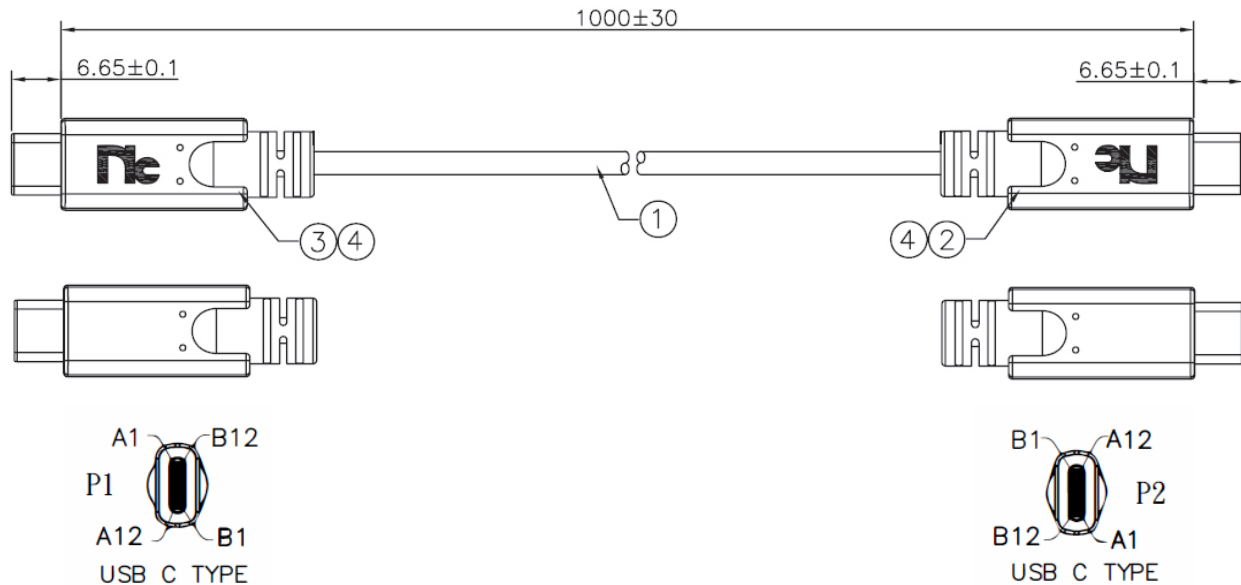
**ELECTRONIC TEST**

- OPEN/SHORT/INTERMITTENCE 100% TEST.
- VOLTAGE:DC 300V.
- CONTACT RESISTANCE: 3.0Ω MAX.
- INSULATION RESISTANCE:10MΩMIN.
- VOLTAGE: 20V, CURRENT: 5A
- 10 nF BYPASS CAPACITOR IS REQUIRED FOR THE VBUS PIN IN THE USB TYPE-C PLUG GND OF THE CABLE.

**RoHS**  
**Compliant**

includes all homogeneous materials

\*See Part Number System for Details

**MATERIALS**

1. USB3.1 UL2725 (30AWG\*1 P+EAM)\*4+(32AWG\*1 P+AM)+32AWG\*4C +24AWG\*2C+E+AEB+PVC JACKET OD:4.8MM BLACK
2. USB C TYPE PLUG CONTACT PIN 30U',WHITE INSULATION, Deep Drawn Shell NICKEL (IC:RT1710 or EQUIVALENT)
3. USB C TYPE PLUG CONTACT PIN 30U',WHITE INSULATION, Deep Drawn Shell NICKEL
4. TPE BLACK

**PIN ASSIGNMENT**

| USB C TYPE    |                 | USB C TYPE    | SIGNAL |
|---------------|-----------------|---------------|--------|
| A1,B1,A12,B12 | GND_PWRrt1[rt2] | A1,B1,A12,B12 | GND    |
| A4,A9         | PWR_VBUS1       | A4,A9         | VBUS   |
| B4,B9         | PWR_VBUS2       | B4,B9         | VBUS   |
| A5            | CC              | A5            | CC     |
| B5            | UTP_Dp(USB D+)  | B5            | VCONN  |
| A6            | UTP_Dn(USB D-)  | A6            | Dp1    |
| A7            | SDPp1           | A7            | Dn1    |
| A2            | SDPn1           | B11           | SSRXp1 |
| A3            | SDPp2           | B10           | SSRXn1 |
| B11           | SDPn2           | A2            | SSTXp1 |
| B10           | SDPp3           | A3            | SSTXn1 |
| B2            | SDPn3           | A11           | SSRXp2 |
| B3            | SDPp4           | A10           | SSRXn2 |
| A11           | SDPn4           | B2            | SSTXp2 |
| A10           | SBU_A           | B3            | SSTXn2 |
| A8            | SBU_B           | B8            | SBU2   |
| B8            | BRAID           | A8            | SBU1   |
| SHELL         |                 | SHELL         | SHIELD |

**PART NUMBERING SYSTEM**

NUCA 3.1 CM 5A CM 1R00 B E F  
1 2 3 4 5 6 7 8 9

1. NUCA = NIC USB Cable Assembly
2. 3.1 = USB Version 3.1
3. CM = C type Male for conn. 1
4. 5A = 5.0 Amp rating
5. CM = C type male for conn. 2
6. 1R00 = 1 meter length (4 digit code)
7. B = Black color
8. E = E-marked device (blank if not applicable)
9. F = RoHS Compliant

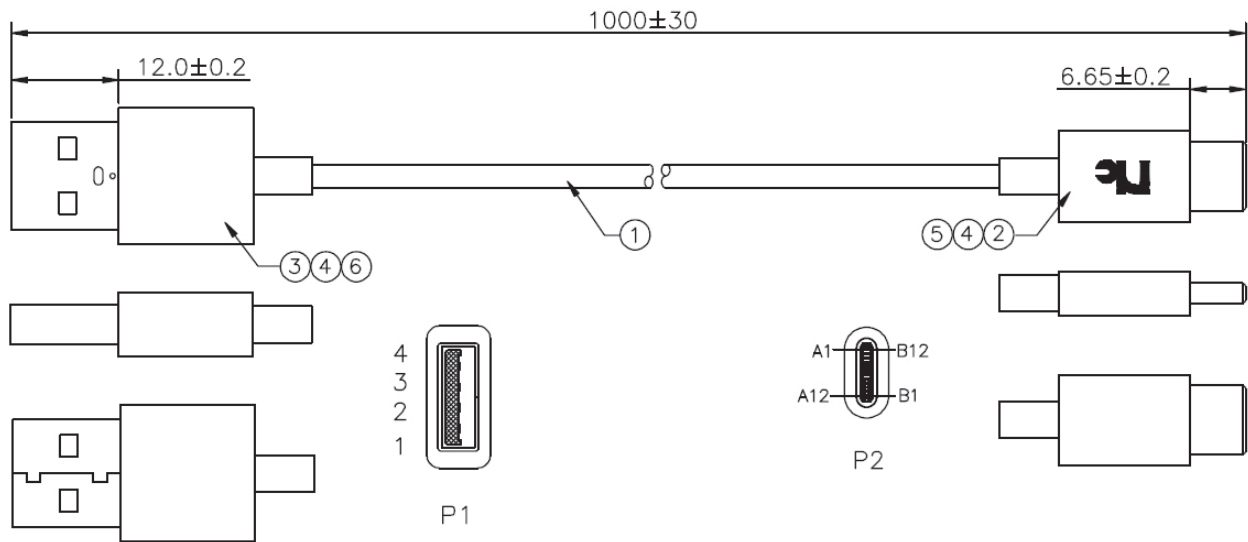


ELECTRONIC TEST

- OPEN/SHORT/INTERMITTENCE 100% TEST.
- HI-POT:100V AC/0.02 SEC.
- INSULATION RESISTANCE: 300V DC/0.01 SEC, 5MΩ MIN.
- CONDUCTIVE RESISTANCE: 3Ω MAX.
- PIN A5 OF THE USB TYPE-C PLUG BE CONNECMD TO VBUS THROUGH A RESISTOR Rp .Rp=56KΩ±20%.

RoHS  
Compliant  
includes all homogeneous materials

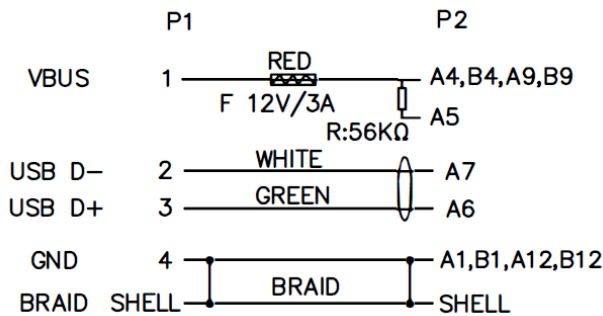
\*See Part Number System for Details



MATERIALS

1. CABLE: NO-UL 30A WG(11/0.08 TC)\*1P+22AWG(65/0.08 TC)\*1C+FILLER+AI/MY+B(85% TC)+TPE JACKET OD: 3.5MM BLACK
2. CONN 1: USB TYPE C PLUG SOLDER TYPE CONTACT PIN G/F WHITE INSULATION, SHELL NI PLATED
3. CONN 2: USB 2.0 AM SOLDER TYPE CONTACT PIN G/F WHITE INSULATION, SHELL NI-PLATED
4. SR MOLD: 76A TPE BLACK
5. OVER MOLD: 73D TPE BLACK
6. INNER MOLD: PP WHITE

PIN ASSIGNMENT



PART NUMBERING SYSTEM

NUCA 2.0 AM 3A CM 1R00 B E  
1 2 3 4 5 6 7 8

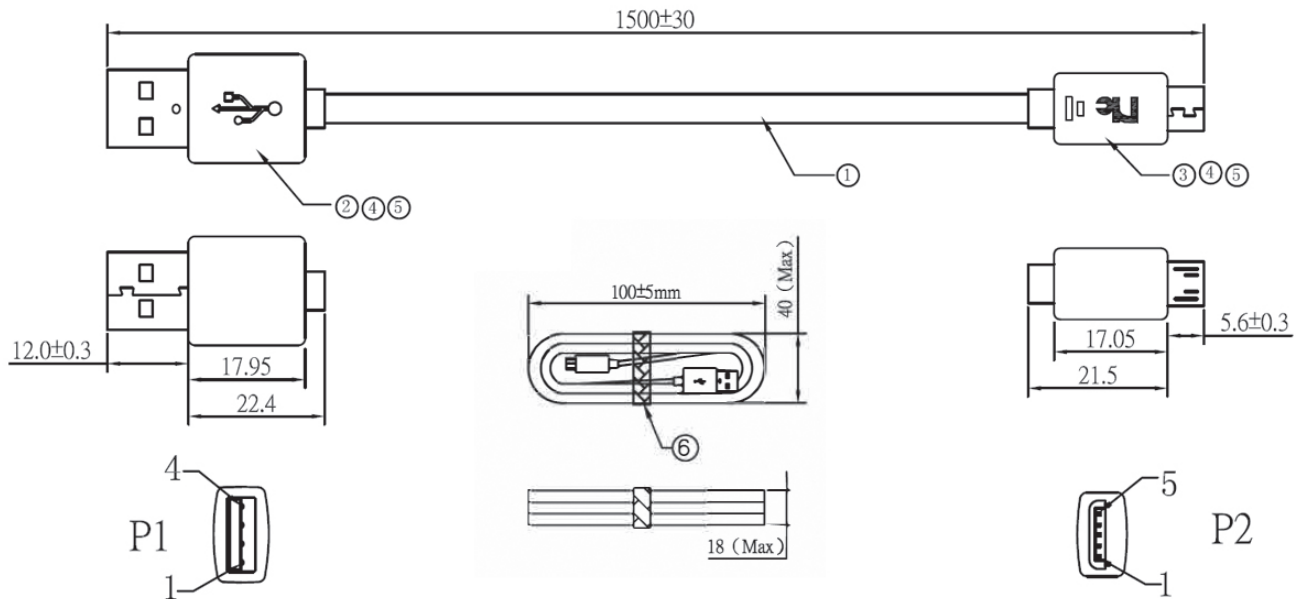
1. NUCA = NIC USB Cable Assembly
2. 2.0 = USB Version 2.0
3. AM = A type Male for conn. 1
4. 3A = 3.0 Amp rating
5. CM = C type male for conn. 2
6. 1R00 = 1 meter length (4 digit code)
7. B = Black color
8. F = RoHS Compliant

**ELECTRONIC TEST**

- OPEN/SHORT/INTERMITTENCE 100% TEST.
- HI-POT:100V AC/0.02 SEC., 2mA MAX.
- INSULATION RESISTANCE: 300V DC/0.02 SEC, 10MΩ MIN.
- CONDUCTIVE RESISTANCE: 3Ω MAX.

**RoHS  
Compliant**  
includes all homogeneous materials

\*See Part Number System for Details

**MATERIALS**

1. CABLE: UL2725 30AWG\*1P+24AWG\*2C+A OD=3.5MM BLACK PVC (VW-1 RATED)
2. CONN 1: USB AIM ,CONTACT G/F" ,SHELL NI PLATED, BLACK INSULATION
3. CONN 2: MICRO USB B/M,CONTACT G/F ,SHELL NI PLATED, BLACK INSULATION
4. OUTER MOLD: 55P PVC BLACK UL94 V-0 (ROHS&REACH)
5. INNER MOLD: PP
6. VELCRO

**PIN ASSIGNMENT**

| P1 | COLOR | P2 |
|----|-------|----|
| 1  | RED   | 1  |
| 2  | WHITE | 2  |
| 3  | GREEN | 3  |
| 4  | BLACK | 5  |

**PART NUMBERING SYSTEM**

NUCA 2.0 AM 3A UBM 1R50 B V F  
1 2 3 4 5 6 7 8 9

1. NUCA = NIC USB Cable Assembly
2. 2.0 = USB Version 2.0
3. AM = A type Male conn. 1
4. 3A = 3.0 Amp rating
5. UBM = Micro B type male conn. 2
6. 1R50 = 1.5 meter length (4 digit code)
7. B = Black color
8. V = Velcro Wrapped
9. F = RoHS Compliant