

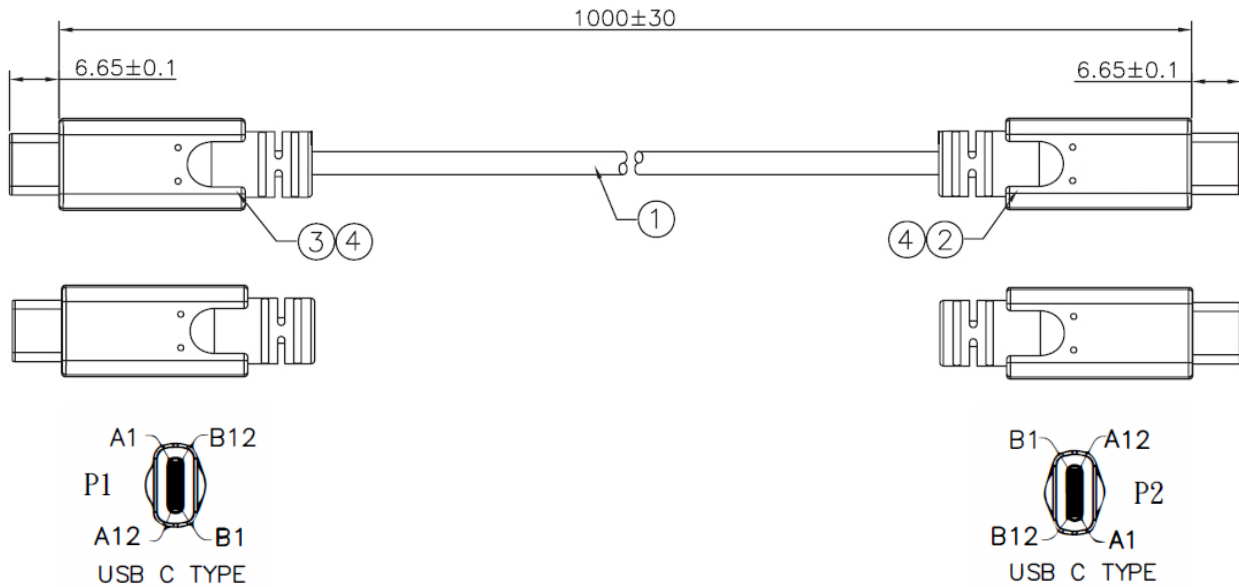
ELECTRONIC TEST

- OPEN / SHORT / INTERMITTENCE 100% TEST
- VOLTAGE: 300VDC
- CONTACT RESISTANCE: 3.0Ω MAXIMUM
- INSULATION RESISTANCE: 10 MΩ MINIMUM
- 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	IC	B5	VCONN
A6	UTP_Dp(USB D+)	A6	Dp1
A7	UTP_Dn(USB D-)	A7	Dn1
A2	SDPp1	B11	SSRXp1
A3	SDPn1	B10	SSRXn1
B11	SDPp2	A2	SSTXp1
B10	SDPn2	A3	SSTXn1
B2	SDPp3	A11	SSRXp2
B3	SDPn3	A10	SSRXn2
A11	SDPp4	B2	SSTXp2
A10	SDPn4	B3	SSTXn2
A8	SBU_A	B8	SBU2
B8	SBU_B	A8	SBU1
SHELL	BRAID	SHELL	SHIELD

PART NUMBERING SYSTEM

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

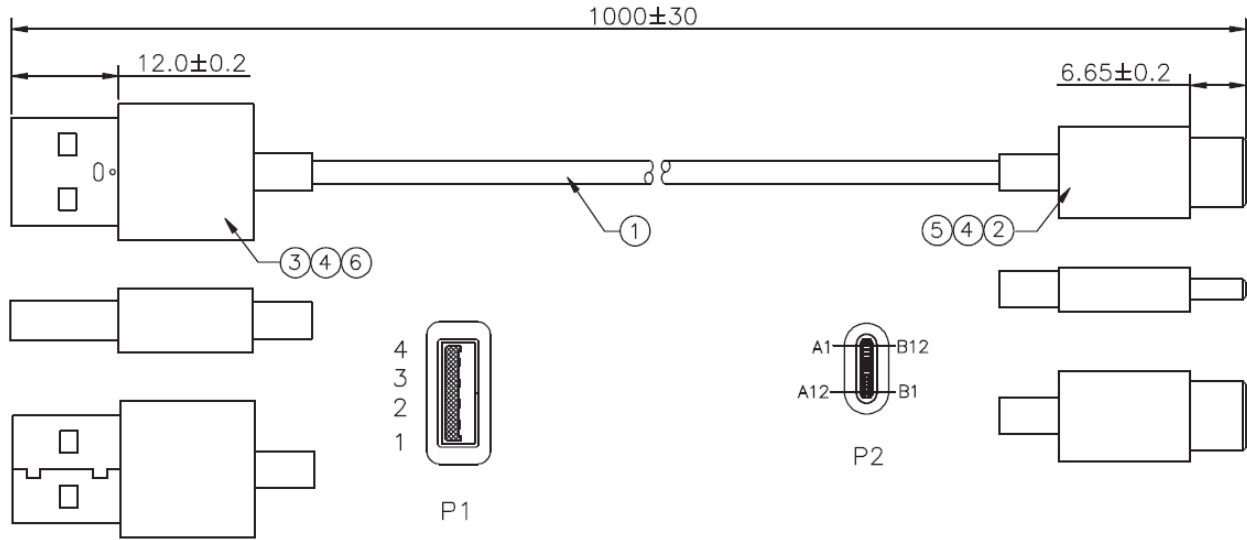
1. NUCA = NIC USB Cable Assembly
2. 3.1 = USB Version 3.1
3. CM = C type Male for conn. 1
4. 5A = 5.0 Amp rating
5. CM = C type male for conn. 2
6. 1R00 = 1 meter length (4 digit code)
7. B = Black color
8. E = E-marked device (blank if not applicable)
9. F = RoHS Compliant

ELECTRONIC TEST

- OPEN / SHORT / INTERMITTENCE 100% TEST
- HI-POT: 100VAC / 0.02 SECOND
- INSULATION RESISTANCE: 5 MΩ MINIMUM @ 300VDC/0.01 SECOND
- CONDUCTIVE RESISTANCE: 3 Ω MAXIMUM
- PIN A5 OF THE USB TYPE-C PLUG SHOULD BE CONNECTED TO VBUS THROUGH A RESISTOR 'Rp' (Rp = 56KΩ ±20%)

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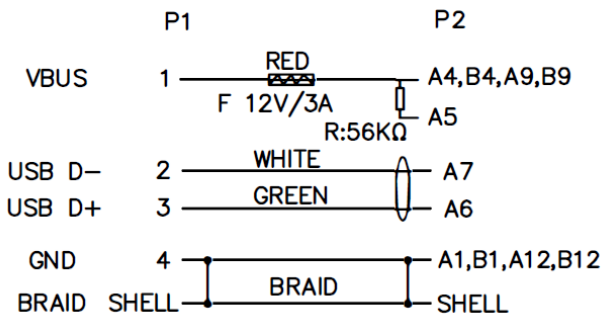
*See Part Number System for Details



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

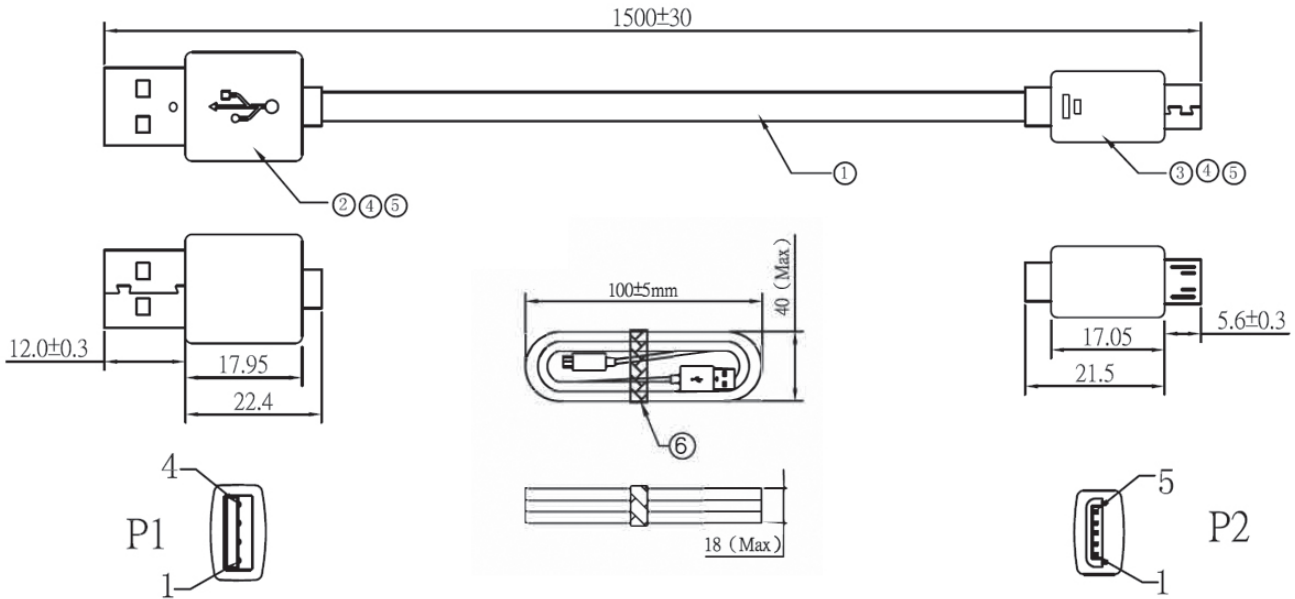
1. NUCA = NIC USB Cable Assembly
2. 2.0 = USB Version 2.0
3. AM = A type Male for conn. 1
4. 3A = 3.0 Amp rating
5. CM = C type male for conn. 2
6. 1R00 = 1 meter length (4 digit code)
7. B = Black color
8. F = RoHS Compliant

ELECTRONIC TEST

- OPEN / SHORT / INTERMITTENCE 100% TEST
- HI-POT: 100VAC / 0.02 SECOND, 2mA MAX.
- INSULATION RESISTANCE: 10 MΩ MINIMUM @ 300VDC / 0.02 SECOND
- CONDUCTIVE RESISTANCE: 3 Ω MAXIMUM

**RoHS
Compliant**
includes all homogeneous materials

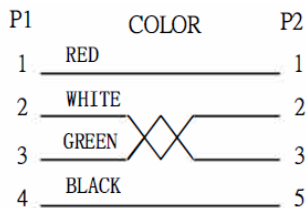
*See Part Number System for Details



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



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