

CAB441RF: MURATA JSC PLUG + $\phi 0.81$ MM CABLE + STRIP / TIN

SPECIFICATIONS :

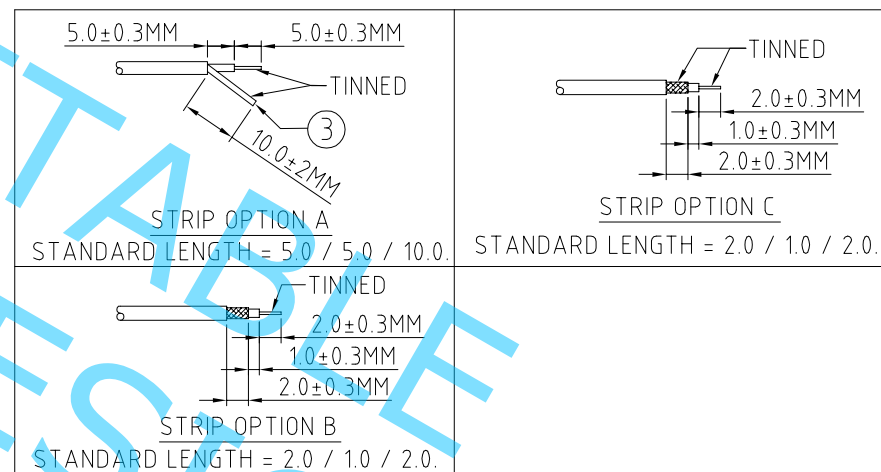
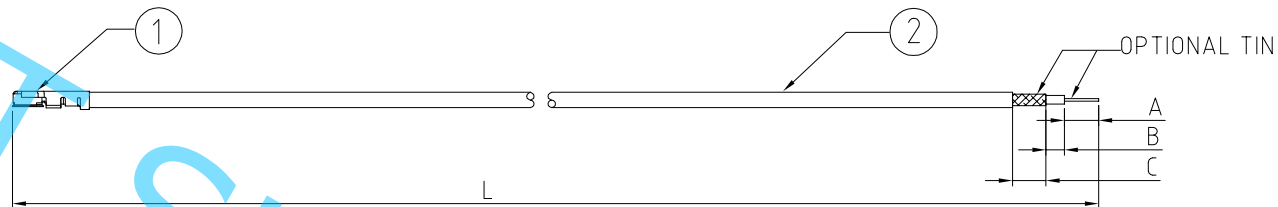
1. MURATA JSC PLUG, P/N: MXJA01
2. $\phi 0.81$ MM COAXIAL CABLE, COLOR: WHITE.
3. TWISTED BRAID OR FLEXIBLE COPPER WIRE, LENGTH =
A (CENTRE CONDUCTOR) + B (INSULATOR), MINIMUM = 6.0MM.
LENGTH 6.0MM - 9.9MM: TWISTED BRAID.
LENGTH +10MM: FLEXIBLE COPPER WIRE.

USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:

- (i) HANDLE WITH CARE.
- (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
- (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

NOTES:

1. STRIP DIMENSION A / B / C STANDS FOR
A = CENTRE CONDUCTOR
B = INSULATOR
C = BRAID.
2. INSERTION LOSS TEST REPORT IS NOT AVAILABLE.
3. THIS IS OUR STANDARD OFFERING, SPECIAL DESIGNS ARE AVAILABLE, INCLUDING CUSTOM TOLERANCES AND SPECIAL BRAID TINNING DESIGNS. PLEASE CONTACT GRADCONN FOR MORE INFORMATION.
4. CENTRE CONDUCTOR AND TWISTED BRAID OF COAX CABLE IS TINNED. WHEN BRAID LENGTH EXCEEDS 10MM LENGTH OF TINNED COPPER WIRE IS SOLDERED TO THE BRAID/SHIELD OF THE COAX CABLE WHICH ALLOWS SOLDERING TO PCB.
5. OPERATING TEMPERATURE: -40°C TO $+85^{\circ}\text{C}$
6. IMPEDANCE: 50 OHM



HOW TO ORDER

CAB441RF - X X X X - X.X / X.X / X.X - X

"L" LENGTH IN MM

eg: 100MM = 0100

(MIN. 0025 - MAX. 0400)

STANDARD : 0100, 0150, 0200)

Tolerance: <50mm : ± 2 mm.51-200mm: ± 5 mm.201-400mm: ± 7 mm.A/B/C STRIP DIMENSION IN MM
FOR STANDARD LENGTH PLEASE
REFER TO DRAWINGS.
(SPECIALS AVAILABLE UPON
REQUEST.)

STRIP AND TIN OPTIONS:

A = CENTER CONDUCTOR & TWISTED BRAID/SOLDERED COPPER
WIRE TINNED (SEE NOTE 4 FOR SOLDER TO PCB APPLICATION)

B = STRIPPED, END A TINNED

C = STRIPPED, END A & C TINNED

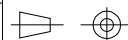
Scale: NTS

Drawn: NYW

App'd: XXX

Date: 6 OCT. '20

THIRD ANGLE



Title: CABLE ASSEMBLY

Revision: 1.0

Unstated

.X

.XX

.XXX

ANGLES

Tolerances:

N/A

N/A

N/A

N/A

Material

SEE NOTE

NOT TO SCALE

Unit: mm



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Drawing Number:

CAB441RF

Sheet 1 of 1

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