

All dimensions are in mm.

COMPONENTS

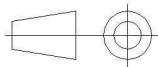
Body
Center contact
Outer contact
Insulator
Gasket
Others parts

BRASS
BRASS
PTFE
EPDM
BRASS

MATERIALS

BBR
SILVER
BBR

PLATING (μm)



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ISSUE 17-02-15A

SERIES 4.3-10

PART NUMBER R183030017

PACKAGING

Standard	Unit	Other
50	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.02	+ 0.0150
Insertion loss	0.05	√F(GHz) Maxi
RF leakage	- (NA - F(GHz) dB Maxi
Voltage rating	850	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	30	N mini
Axial force – Opposite end	30	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	500	N.cm
Panel nut	NA	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0.0000	mm
Mating life	100	Cycles mini
Weight	28.3760	g

ENVIRONMENTAL

Operating temperature	-55~+90	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	5.3	0	15	0	0	0

Assembly instruction:

Recommended cable(s)

HCF 1/4" Cu2Y AlCu

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly.

Cable retention

- pull off
- torque

250 N mini
 NA N.cm

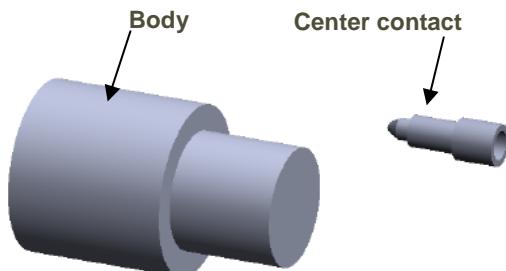
TOOLING

Part Number	Description	Hexagon
.	.	.

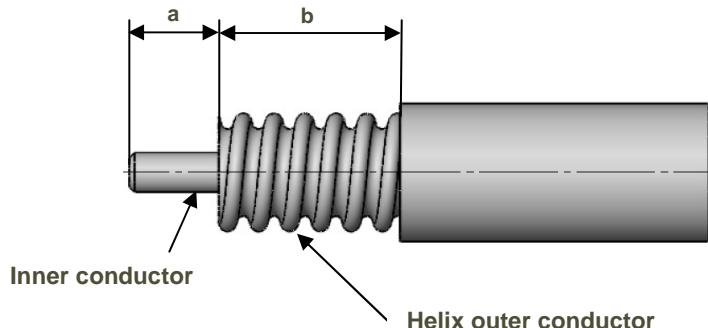
OTHER CHARACTERISTICS

IP67 mated condition

COMPONENTS

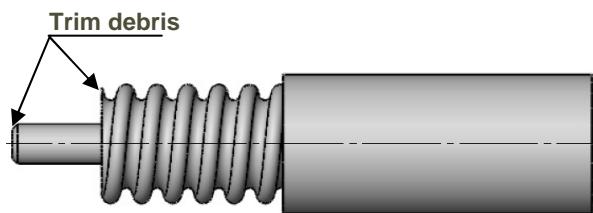


STRIPPING DIMENSION



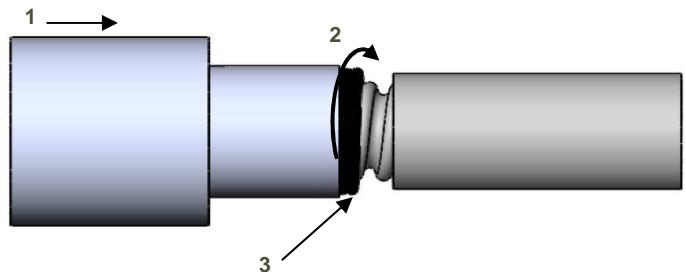
1

- Strip the cable.
- Do not damage the outer conductor.
- The end surface of inner conductor should be chamfered.
- Remove impurities such as copper scraps and burrs on the end surface of the cable.



3

- Push the cable into the connector body, until it stops.
- Use the reserved solder wire to wrap the cable to fill the space between cable and connector.
- Solder the connector body with cable.



2

- Insert center contact on the cable.
- Put solder gauge(1.4mm) between center contact and cable. Push the center contact to the gauge until it stops.
- Solder center contact.
- Wrap the cable by solder wire (Dia 0.8mm).

