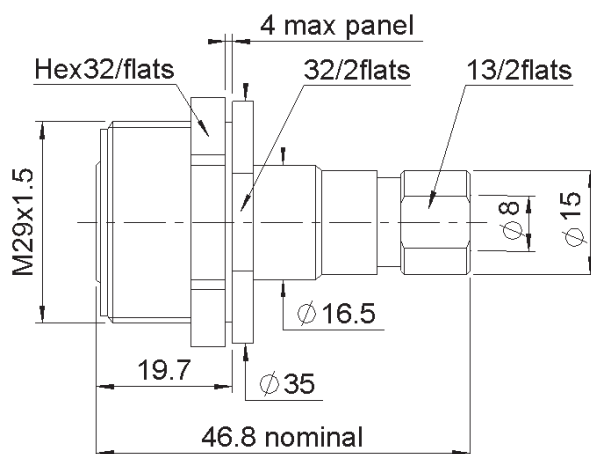


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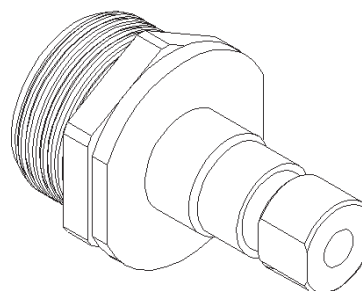
PART NUMBER **R185A315200**



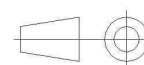
PANEL CUT OUT

A

mm	
Maxi	mini
A	29.2 29.1



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS	BBR
Center contact	BRONZE	SILVER
Outer contact		
Insulator	PTFE	
Gasket	SILICONE RUBBER	
Others parts	BRASS	BBR
-	-	-
-	-	-

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PART NUMBER R185A315200

PACKAGING

Standard	Unit	Other
20	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-3	GHz
VSWR	1.10 + 0.0000	x F(GHz) Maxi
Insertion loss	0.05	√F(GHz) dB Maxi
RF leakage	NA	- F(GHz) dB Maxi
Voltage rating	600	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	200	N mini
Axial force – Opposite end	100	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	NA	N.cm
Panel nut	3000	N.cm
Clamp nut	950	N.cm
A/F clamp nut	13.0000	mm
Mating life	100	Cycles mini
Weight	131.4000	g

ENVIRONMENTAL

Operating temperature	-40/+85	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	7	15	23	0	1	0

Assembly instruction:

Recommended cable(s)

FSJ1RN-50A - 1/4"

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	200	N mini
- torque	NA	N.cm

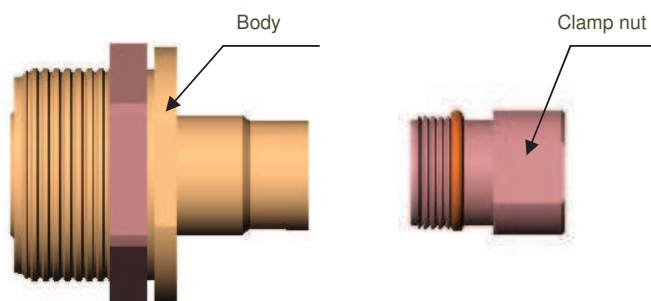
TOOLING

Part Number	Description	Hexagon
R282010030	STRIPPING TOOL	

OTHER CHARACTERISTICS

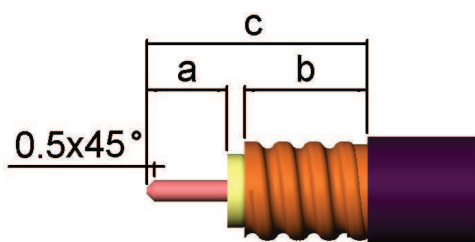
Watertightness:IP67

Components



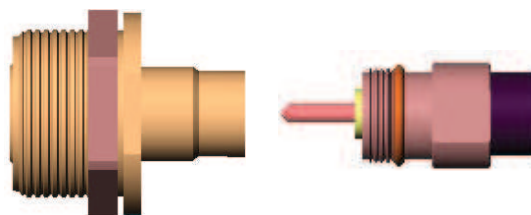
1

- 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.



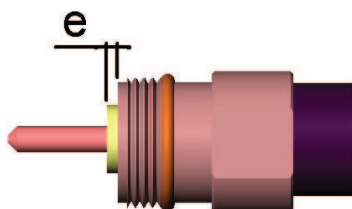
3

- Screw connector body onto the nut tightly.
- Screw the body, keeping the nut and cable fixing while tightening.
- Recommended coupling torque: 950 N.cm



2

- Screw the clamp nut along the outer conductor of the cable, make sure dimension e after tightening.



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