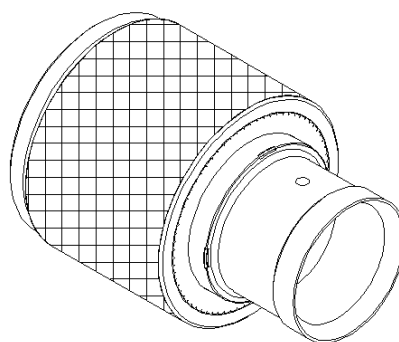
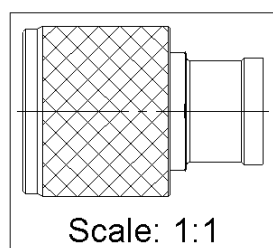
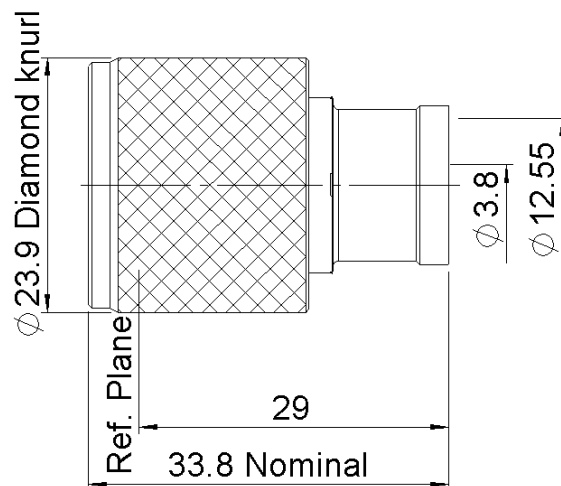


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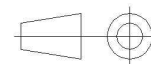
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SERIES QLI

PART NUMBER **R184061007**



All dimensions are in mm.



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

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ISSUE 1339B

SERIES QLI

PART NUMBER R184061007

### PACKAGING

Standard	Unit	Other
50	Contact us	Contact us

### ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.04 + 0.0200	x F(GHz) Maxi
Insertion loss	0.05	√F(GHz) dB Maxi
RF leakage	- (NA)	- F(GHz) dB Maxi
Voltage rating	1400	Veff Maxi
Dielectric withstanding voltage	2500	Veff mini
Insulation resistance	5000	MΩ mini

### MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	50	N mini
Axial force – Opposite end	30	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	NA	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	46.7000	g

### ENVIRONMENTAL

Operating temperature	-55~+120	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

### SPECIFICATION

### CABLE ASSEMBLY

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

Assembly instruction: NA

Recommended cable(s)

FSJ4RN-50B  
HCF1/2"CuH-50oAICu

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	350	N mini
- torque	NA	N.cm

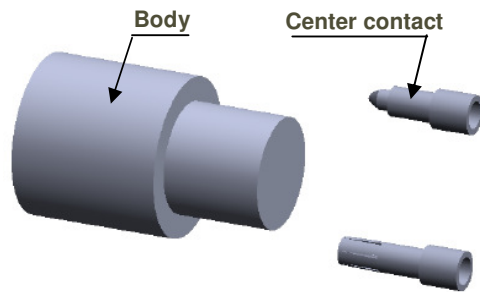
### TOOLING

Part Number	Description	Hexagon
.	.	.

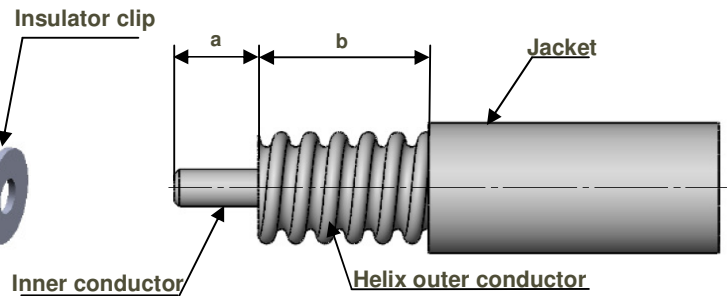
### OTHER CHARACTERISTICS

IMP3<-120dBm under 2 carriers of +43dBm  
IP67 mated condition

## COMPONENTS



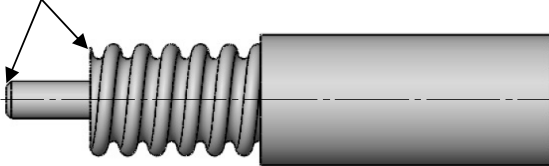
## STRIPPING DIMENSION



1

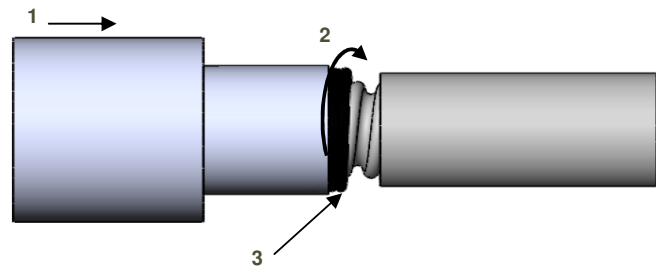
- Strip the cable.
- Do not damage the outer conductor.
- The end surface of inner conductor should be chamfered.
- Remove impurities such as copper scraps and burrs on the end surface of the cable.

Trim debris



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 insulator clip on the cable.
- Insert center contact until the insulator clip.
- Solder center contact.
- Wrap the cable by solder wire (Dia 1.2mm).

