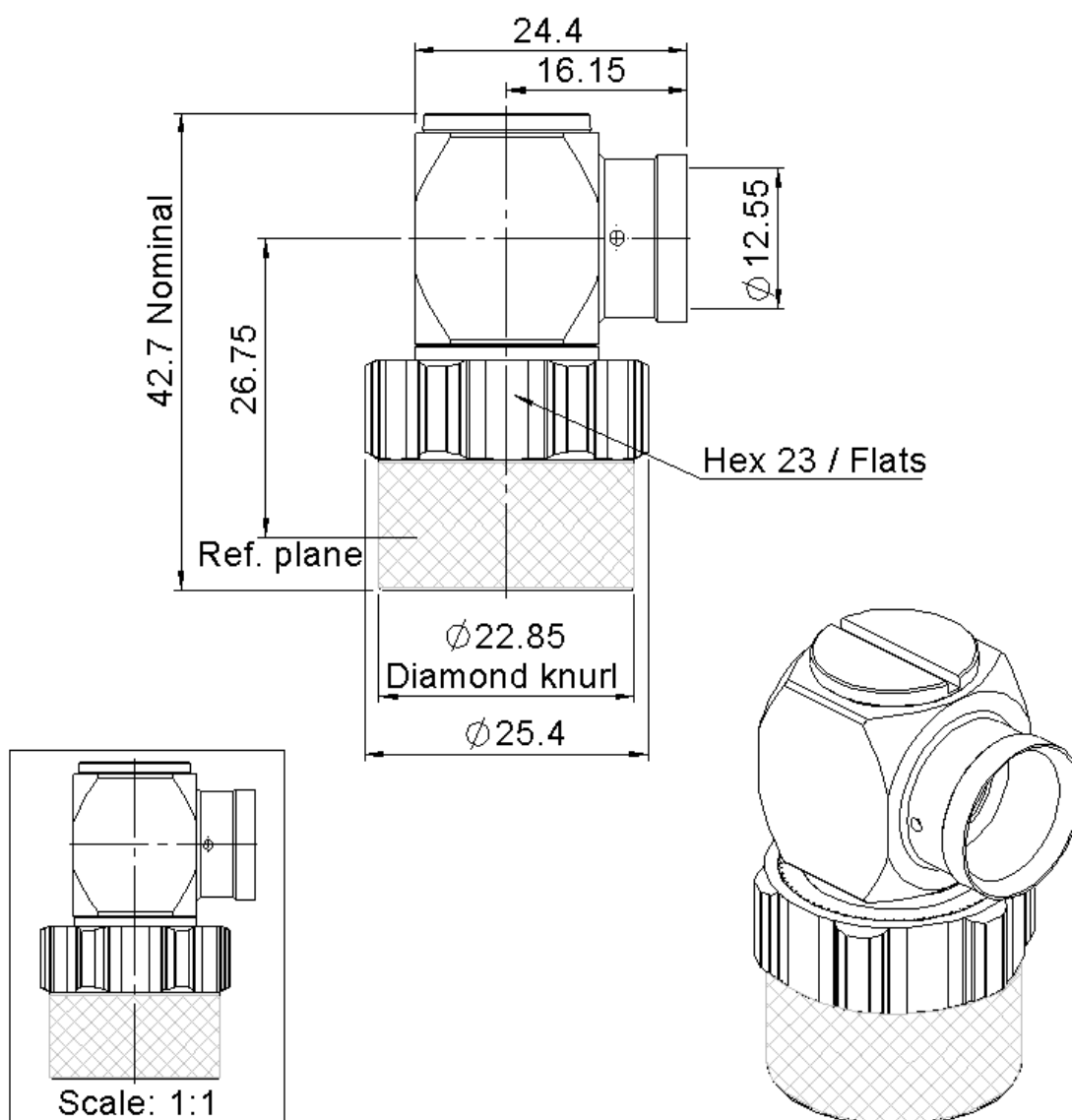


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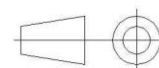
ISSUE 1416C

SERIES QLI

PART NUMBER **R184191007**



All dimensions are in mm.



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

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SERIES **QLI**

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PACKAGING

Standard	Unit	Other
50	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.05 + 0.0300	x F(GHz) Maxi
Insertion loss	0.05	\sqrt{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	M Ω 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	77.3560	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	7.8	15	0	0	0	0

Assembly instruction:

Recommended cable(s)

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

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<-117dBm under 2 carriers of +43dBm
IP67 mated condition

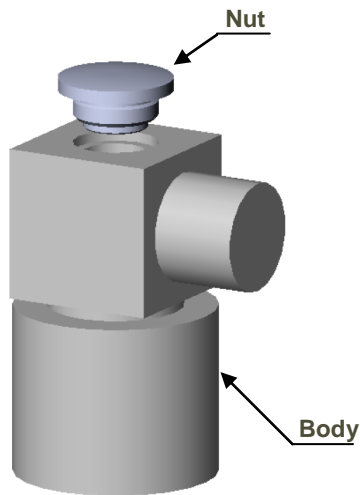
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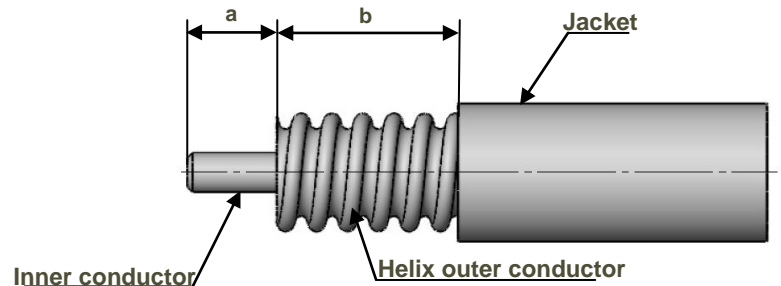
SERIES QLI

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COMPONENTS

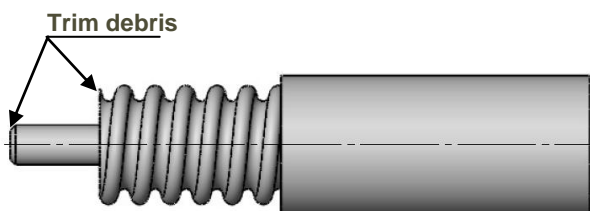


STRIPPING DIMENSIONS



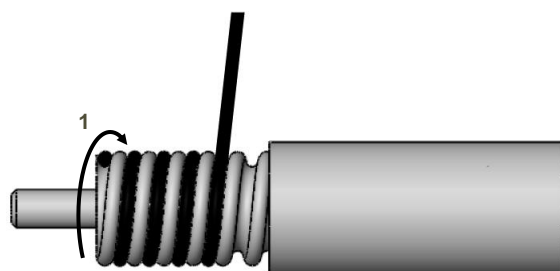
1

- 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.



2

- Wrap the cable by solder wire (Dia 1.2mm).



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.
- Solder the inner conductor.
- Screw the nut into body

