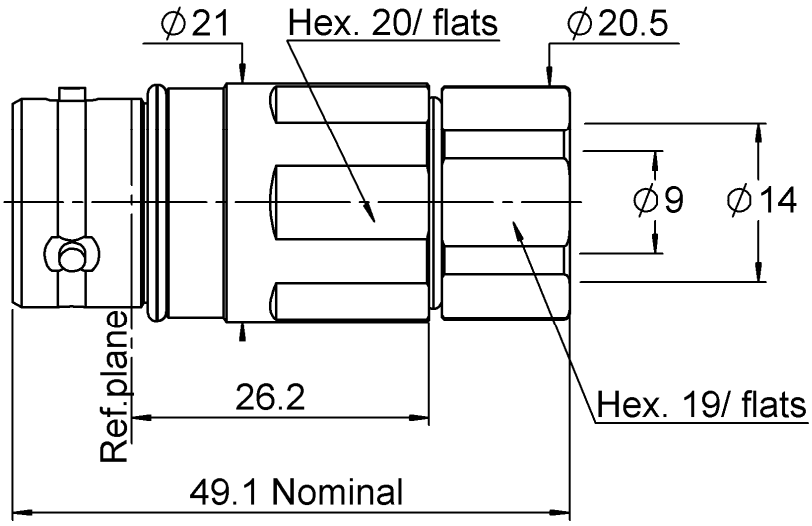
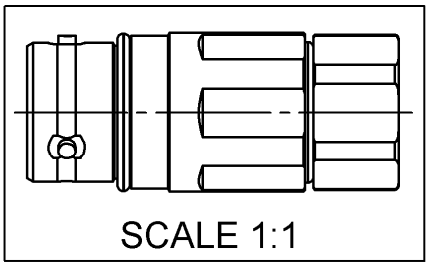
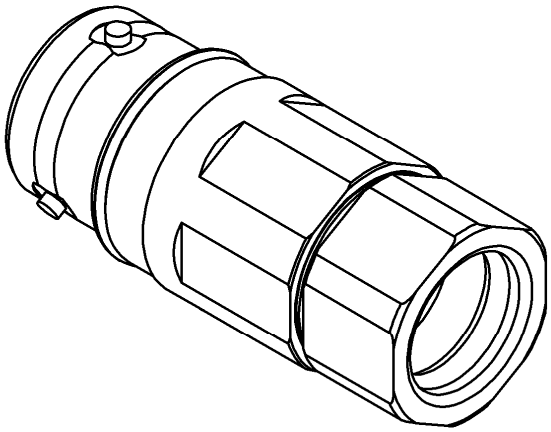
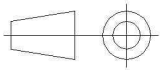
PAGE **1/3**	ISSUE **1342A**	SERIES **QLI**	PART NUMBER **R184216007**







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**
-	-	-
-	-	-

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	**950**	N.cm
A/F clamp nut	**19,0000**	mm
Mating life	**100**	Cycles mini
Weight	**67,6000**	g

ENVIRONMENTAL

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

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	**7**	**13**	**20**	**0**	**0.8**	**0**

Assembly instruction:

Recommended cable(s)

FSJ4RN-50B
HCF1/2»CuH-50oAlCu

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

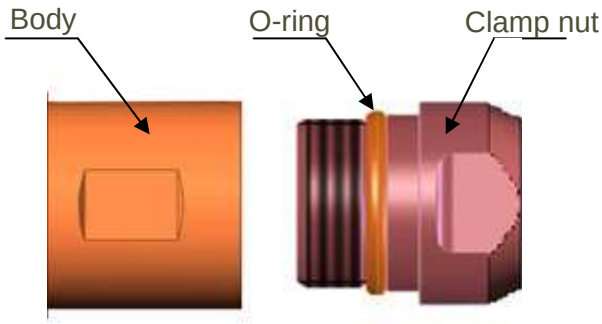
TOOLING

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

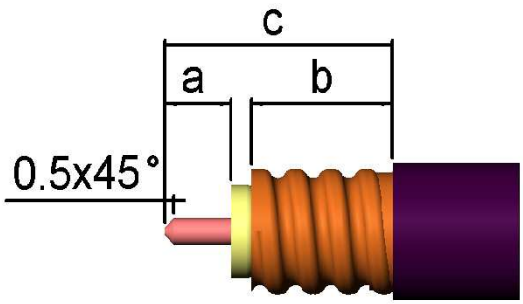
IP67 mated condition

COMPONENTS



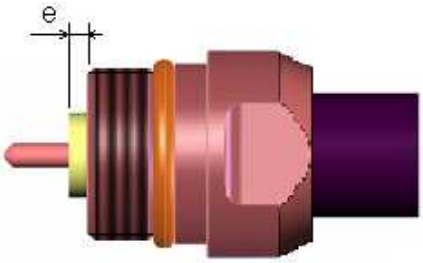
1

- 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.



2

- Put the O-ring onto the clamp nut.
- Screw the clamp nut along the outer conductor of the cable, make sure dimension **e** is ok after tightening.



3

- Screw the body onto the cable assembly.
- Recommended coupling torque: 950N.cm