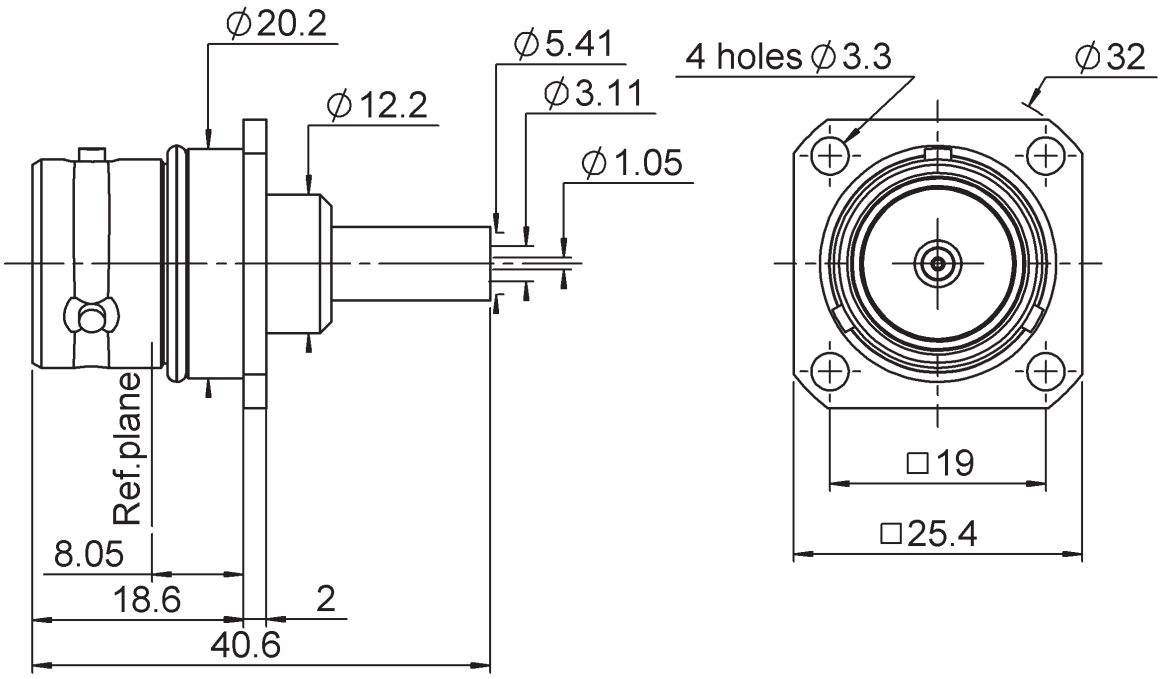
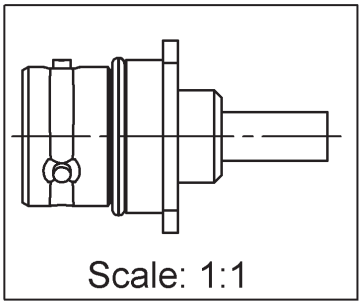
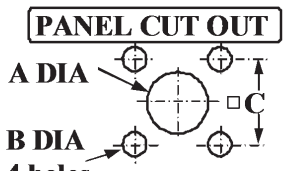
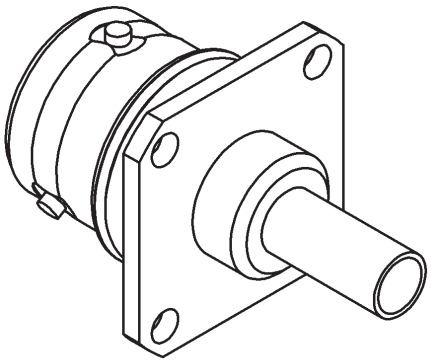
PAGE **1/2**	ISSUE **1317A**	SERIES **QLI**	PART NUMBER **R184282007**



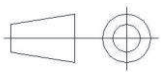




	mm	
	Maxi	mini
A	12.7	12.5
B	3.3	3.2
C	19.05	18.95



All dimensions are in mm.



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

PRELIMINARY

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

PACKAGING

Standard	Unit	Other
50	**Contact us**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance			**50**	Ω
Frequency			**0-6**	GHz
VSWR	**1.04**	**+**	**0.020**	x F(GHz) Maxi
Insertion loss			**0.05**	√F(GHz) dB 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	**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	**0.000**	mm
Mating life	**100**	Cycles mini
Weight	**37.000**	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	**3.9**	**8**	**13.4**	**0**	**9.5**	**0**

Assembly instruction: **Crimp 01**

Recommended cable(s)
RG 58
KX 15
RG 141

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	**150**	N mini
- torque	**NA**	N.cm

TOOLING

Part Number	Description	Hexagon
R282223000	CRIMPING TOOL	5.41
R282235011	CRIMPING DIES M22520/5-11	5.41
R282293000	CRIMPING TOOL M22520/5-01	

OTHER CHARACTERISTICS

IP 67 for interface

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