Radiall

PAGE **1/2**	ISSUE **15-05-15G**	SERIES **QMA**	PART NUMBER	**R123075000**

$\emptyset$ 10.5

$\emptyset$ 1.05

$\emptyset$ 3.11

$\emptyset$ 5.41

28.5

Scale: 1/1
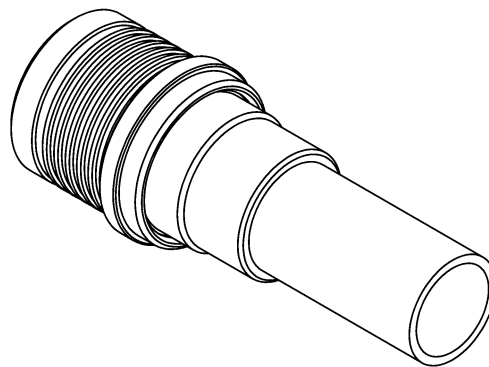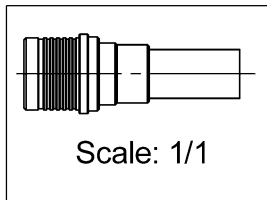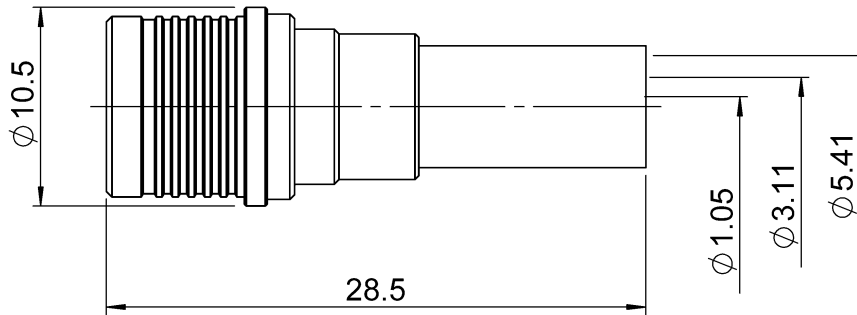
All dimensions are in mm.
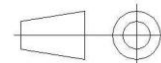
COMPONENTS	MATERIALS	PLATING (μm)
Body	**BRASS**	**BBR**
Center contact	**BRASS**	**NPGR**
Outer contact	**BRONZE**	**BBR**
Insulator	**PTFE**	
Gasket	**-**	
Others parts	**BRASS**	**BBR**
-	-	-
-	-	-

PACKAGING

Standard	Unit	Other
100	**Contact us**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance	**50**	Ω
Frequency	**0-6**	GHz
VSWR	**+ 0.0000**	x F(GHz) Maxi
Insertion loss	**.05**	√F(GHz) dB Maxi
RF leakage	**- (80**	- F(GHz)) dB Maxi
Voltage rating	**335**	Veff Maxi
Dielectric withstanding voltage	**1000**	Veff mini
Insulation resistance	**5000**	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention

Axial force – Mating End	**18**	N mini
Axial force – Opposite end	**18**	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	**6.6340**	g

ENVIRONMENTAL

Operating temperature	**-40/+105**	°C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**NA**	

SPECIFICATION

28C87307T RevA

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	**3**	**6.5**	**11.3**	**0**	**8.3**	**0**

Assembly instruction**: Crimp 02**

Recommended cable(s)

RG 141
KX 15
RG 58

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

TOOLING

Part Number	Description	Hexagon
R282223000	CRIMPING TOOL	5.41
R282235011	CRIMPING DIES M22520/5-11	5.41
R282281000	CRIMPING TOOL	2x4 (pos. 7)
R282293000	CRIMPING TOOL M22520/5-01	
R282967015	POSITIONER FOR CRIMPIMG TOOL	
And - (et)		
R299511016	STRIPPING CASETTE .059/.248	denudage B, E
Or - (ou)		

OTHER CHARACTERISTICS

VSWR : 1.12 max from 0 to 3GHz
Intermod.: -120 dBc at 1.8GHz (2x20W)
RF leakage(interf.): 3<F<6GHz: >70dB