

Series : QN



COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	BRASS	BBR 0.5 OVER SILVER 3
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER COPPER 2.5
OUTER CONTACT		
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	BRASS	BBR 2
-	-	-
-	-	-

RADIALL®

**STR. BULK. RECEPTACLE INTERNAL AND
PANEL SEAL REAR MOUNTING**

R164.606.000

Series : QN

PACKAGING

Standard	Unit	Other
50	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-6*	GHz
VSWR	1.6** + 0.000	x F(GHz) Maxi
Insertion loss	0.35	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (***90	- F(GHz)) dB Maxi
Voltage rating	1000	Veff Maxi
Dielectric withstanding voltage	2000	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-55/+125	$^{\circ}$ C
Hermetic seal		Atm.cm3/s
Panel leakage	IP68	

OTHERS CHARACTERISTICS

Assembly instruction

Others :

* Usable 0-11GHz

** Coaxial transmission line only

***RF Leakage: -80dB min 3<F<6GHz

**** PMI3 : -112 dBm (2 x 20W at 1.8GHz)

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	27	N mini
Axial force – Opposite end	27	N mini
Torque	2.8	N.cm mini
Recommended torque		
Mating		N.cm
Panel nut	500	N.cm
Mating life	100	Cycles mini
Weight	35.900	g

Issue : 0505 B

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



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