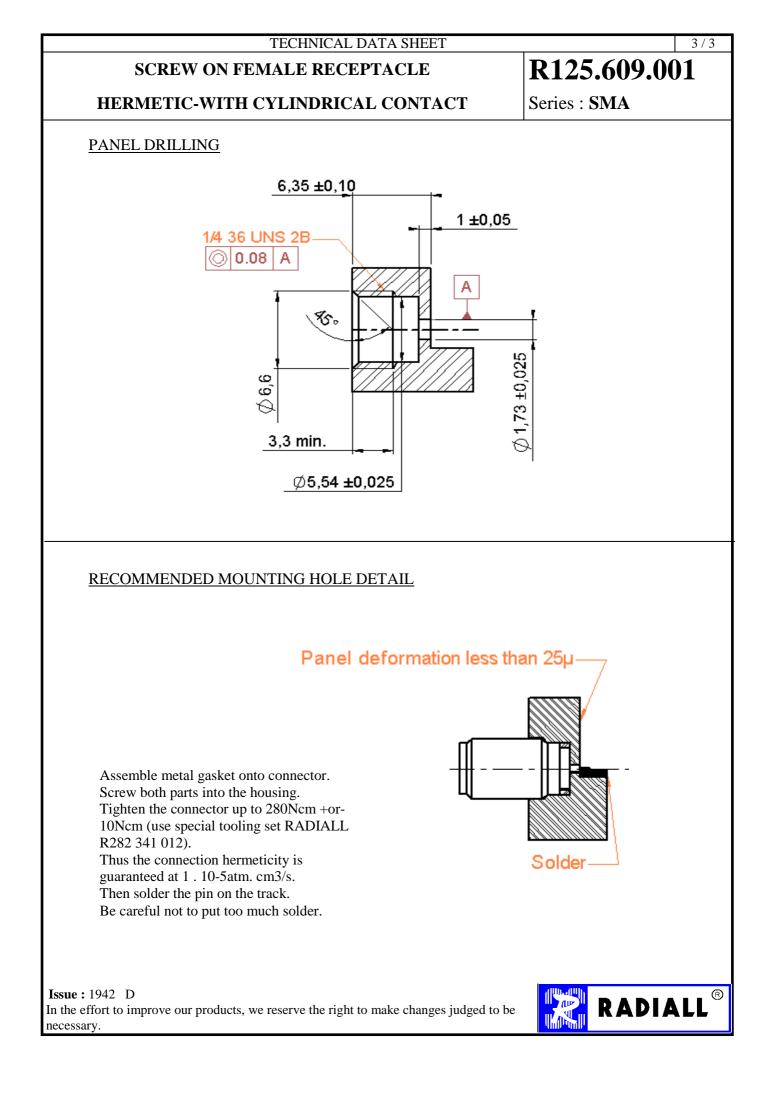


SCREW ON FEMALE RECEPTACLE R125.609.001 HERMETIC-WITH CYLINDRICAL CONTACT Series : SMA ELECTRICAL CHARACTERISTICS SPECIFICATION Impedance 50 Ω Frequency 0-26.5 GHz VSWR 1.10 + 0,0100 x F(GHz) Maxi Insertion loss 0.3 Ψ(GHz) JB mini VOWR 1.10 + 0,0100 x F(GHz) Maxi Insertion loss - (100 - F(GHz)) JB mini Voltage rating 500 Veff Maxi Dielectric withstanding voltage 1000 Veff mini Insulation resistance 5000 MΩ mini MECHANICAL CHARACTERISTICS Contact retention Axial force - Mating end 27 N mini Mating force - Mating end 27 N mini Panel nut 280 N.cm Mating life 500 Cycles mini Weight 2,0000 g	TECHNICAL DATA SHEET 2/					
PACKAGING SPECIFICATION ¹ - Contact us ¹ Other ¹ Other ⁰ Other ¹ Other	SCR	EW ON FEMALE	E	R125.609.001		
Impedance GONDER CONTRACTERISTICS ELECTRICAL CHARACTERISTICS Impedance 50 Ω Frequency 0-26.5 GHz VSWR 1.10 + 0,0100 xF(GHz) Maxi Insertion loss 0.3 vF(GHz) Maxi Panel leakage - (100 VOltage rating 500 Veff Maxi Dielectric withstanding voltage 1000 Veff Maxi Insulation resistance 5000 MQ mini MECHANICAL CHARACTERISTICS Center contact retention Axial force – Mating end 27 N mini Torque 2.8 N.cm Coaxial Transmission Line Only Recommended torque Mating NA N.cm Mating life 500 Cycles mini Image: Coaxial Transmission Line Only	HERMET	TIC-WITH CYLIN	TACT	Series : SMA		
Impedance50 Ω Frequency0-26.5 GHz (-65/+165)Operating temperature (-65/+165)-65/+165 ° C (-65/+165)YSWR1.10 + 0,0100 (-76/Hz) dB Maxi Therein loss0.3 $\sqrt{F(GHz)}$ dB Maxi (-100 - F(GHz)) dB mini S00 Veff Maxi Dielectric withstanding voltage Insulation resistance0.0 Veff Maxi (-6(Hz)) dB mini S000 Veff Maxi M Ω miniOperating temperature (-65/+165)-65/+165 ° C (-65/+165)MECHANICAL CHARACTERISTICS0.3 $\sqrt{F(GHz)}$ dB Maxi (-100 - F(GHz)) dB mini Maxi Insulation resistanceOthers : (-6(Hz))Others : (-6axial Transmission Line OnlyMECHANICAL CHARACTERISTICSCenter contact retention Axial force - Mating end Axial force - Opposite end Torque27 N mini 2.8 N.cm miniOthers : (-6axial Transmission Line OnlyRecommended torque MatingNA N.cm 280 N.cmN.cmMating life500 Cycles mini	Standard Unit Other			<u>SPECIFICATION</u>		
Frequency $0-26.5$ GHzHermetic seal $10-5$ Atm.cm3/sVSWR $1.10 + 0,0100$ x F(GHz) MaxiPanel leakageIP68Insertion loss $0.3 \sqrt{F(GHz)}$ dB MaxiPanel leakageIP68KF leakage-($100 - F(GHz)$) dB miniVoltage ratingS00Voltage rating 500 Veff MaxiOTHERS CHARACTERISTICSDielectric withstanding voltage 1000 Veff miniOthers :Insulation resistance 5000 M Ω miniMaxiMECHANICAL CHARACTERISTICSCenter contact retentionAxial force – Mating end 27 Axial force – Opposite end 27 N miniTransmission Line OnlyRecommended torqueNAN.cmRecommended torqueMatingNAN.cm280N.cmMating life 500 Cycles miniFinitian	ELECTRI	CAL CHARACTEI	ENVIRONMENTAL			
Insulation resistance 5000 MΩ mini OTHERS CHARACTERISTICS MECHANICAL CHARACTERISTICS Assembly instruction Others : Coaxial Transmission Line Only MECHANICAL CHARACTERISTICS Center contact retention Axial force – Mating end 27 N mini Axial force – Opposite end 27 N mini Torque 28 N.cm mini Recommended torque Mating Panel nut NA N.cm 280 N.cm N.cm Mating life 500 Cycles mini	Frequency VSWR Insertion loss RF leakage	0-26.5 1.10 + 0,0100 0.3 - (100	GHz x F(GHz) Maxi √F(GHz) dB Maxi - F(GHz)) dB mini	Hermetic seal	10-5 Atm.cm3/s	
MECHANICAL CHARACTERISTICS Others : Coaxial Transmission Line Only Center contact retention Axial force – Mating end 27 N mini 27 N mini Torque N mini 27 N mini Torque Recommended torque Mating NA N.cm 280 N.cm NA N.cm Mating life 500 Cycles mini	Dielectric withstanding voltage			OTHERS CHARACTERISTICS		
Axial force – Mating end 27 N mini Axial force – Opposite end 27 N mini Torque 2.8 N.cm mini Recommended torque Mating NA Mating life 500 Cycles mini	MECHAN	ICAL CHARACTE	RISTICS	Others :		
Mating Panel nutNA 280N.cmMating life500Cycles mini	Axial force – Matin Axial force – Oppos	g end 27 site end 27	N mini			
	Mating	NA				
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