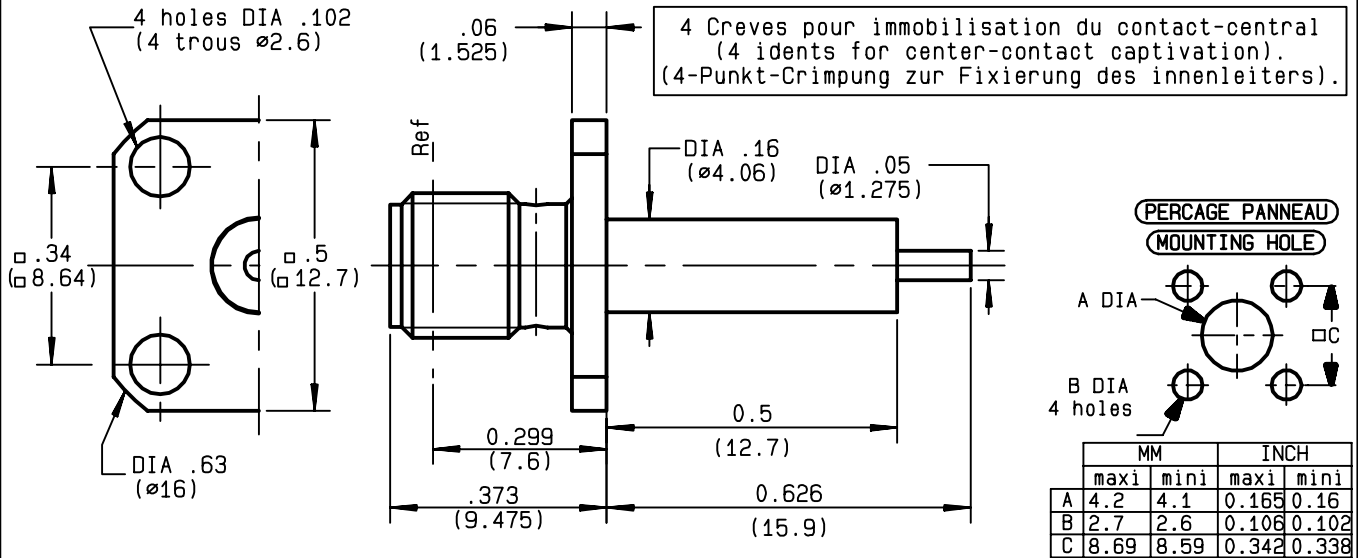


**ADJUSTABLE SQUARE FLANGE JACK RECEPTACLE WITH CYLINDRICAL CONTACT**

**R124.414.003**  
**SERIES SMA-COM**



NOMINAL IMPEDANCE	<b>50</b> $\Omega$
FREQUENCY RANGE	<b>0-18</b> GHz
TEMPERATURE RATING	<b>-65/+165</b> °C
V.S.W.R	<b>1.04 + .0045 x F(GHz)Maxi</b>
RF INSERTION LOSS	<b>0.05</b> $\sqrt{F}$ (GHz) dB Maxi
VOLTAGE RATING	<b>500</b> Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	<b>1000</b> Veff Mini
INSULATION RESISTANCE	<b>5000</b> M $\Omega$ Mini
HERMETIC SEAL	<b>NA</b> Atm.cm <sup>3</sup> /s
LEAKAGE (pressurized only)	<b>NA</b>
MECHANICAL DURABILITY	<b>100</b> Cycles
WEIGHT	<b>2.98</b> gr
SPECIFICATION	

CABLES :	
OTHERS CHARACTERISTICS	<b>cc15.9-is12.7-car12.7-cr</b>
CABLE RETENTION	<b>NA</b> N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	<b>27</b> N Mini
Axial force - opposite end	<b>27</b> N Mini
Torque	<b>2.8</b> cm.N Mini
RECOMMENDED TORQUES	
Mating	<b>NA</b> cm.N
Panel nut	<b>NA</b> cm.N
Clamp nut	<b>NA</b> cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given in micrometers)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2	
OUTER CONTACT			
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER COPPER 2.5	
INSULATOR	PTFE	-	
GASKET		-	
OTHERS PIECES			

ISSUE	CREATION DATE	FILE PART-NUMBER
<b>9901A00</b>	<b>10/07/1996</b>	<b>96-1200-009</b>



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Connect to the future

The information given here is subject to change without notice. Design changes may be in order to improve the product.

TRIQUES