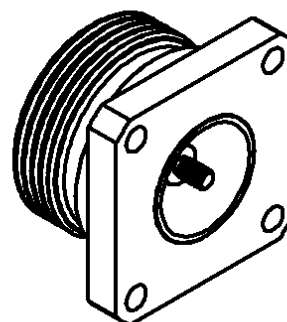
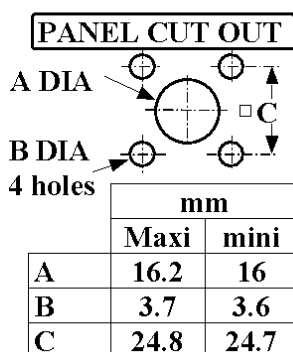
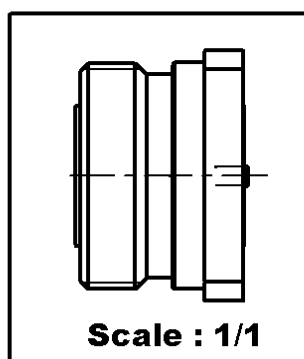
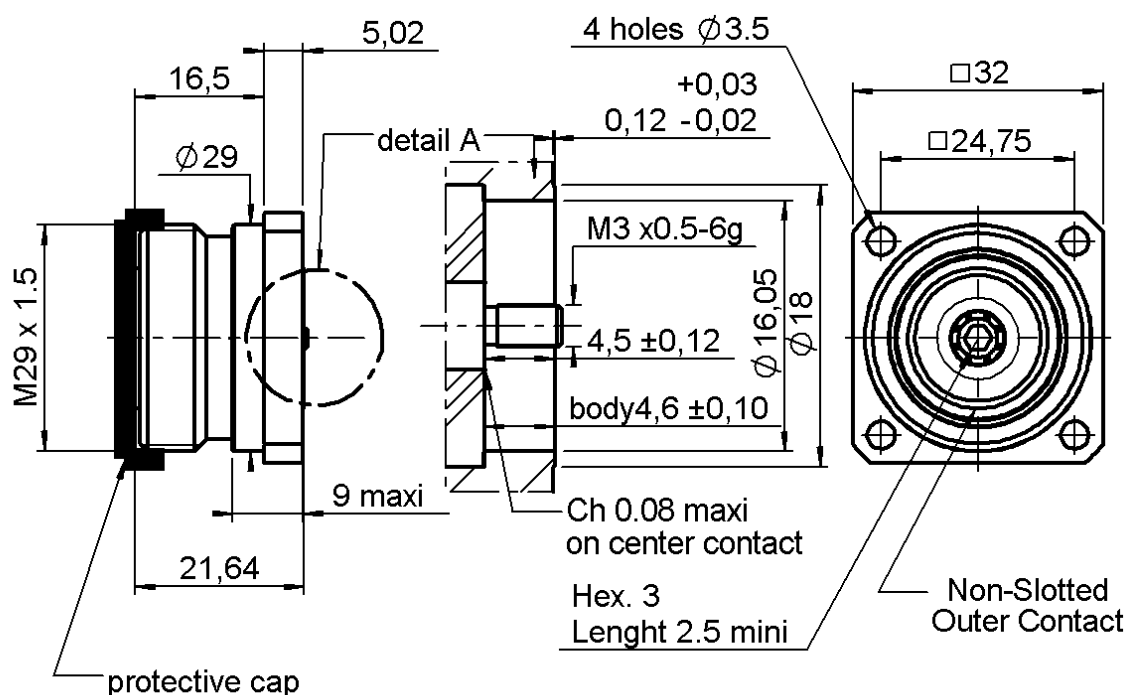


SQUARE FLANGE RECEPTACLE
M3 REAR MOUNTING .PACKAGING50

R185.406.090

Series : 7-16



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	BBR 0.5 OVER SILVER 3
CENTER CONTACT	BRONZE	SILVER 5 PASSIVATED OVER COPPER 0.5
OUTER CONTACT	BRASS	SILVER 5 PASSIVATED OVER COPPER 0.5
INSULATOR	PTFE	
GASKET		
OTHERS PARTS		
-	-	-
-	-	-

Issue : 0330 A

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



SQUARE FLANGE RECEPTACLE
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Series : 7-16

PACKAGING

Standard	Unit	Other
50	'W' option	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-7.5	GHz
VSWR	1.02 + 0.020	x F(GHz) Maxi
Insertion loss	0.05	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	NA	- F(GHz)) dB Maxi
Voltage rating	1400	Veff Maxi
Dielectric withstanding voltage	4000	Veff mini
Insulation resistance	10000	M Ω mini

ENVIRONMENTAL

Operating temperature	-55/+120	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHERS CHARACTERISTICSAssembly instruction **NA**

Others :

Intermod: -125dbm over 2x20W carriers

Typical VSWR at 2.2GHz: 1.03

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	200 N mini
Axial force – Opposite end	NA N mini
Torque	NA N.cm mini
Recommended torque	
Mating	NA N.cm
Panel nut	NA N.cm
Mating life	500 Cycles mini
Weight	79.100 g

Issue : 0330 A

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