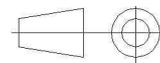
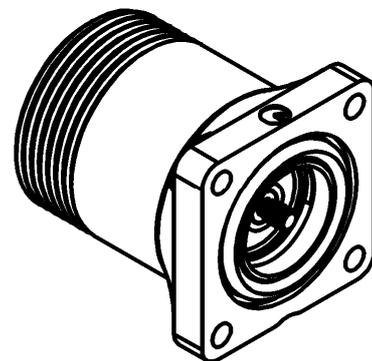
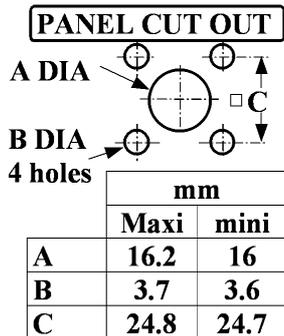
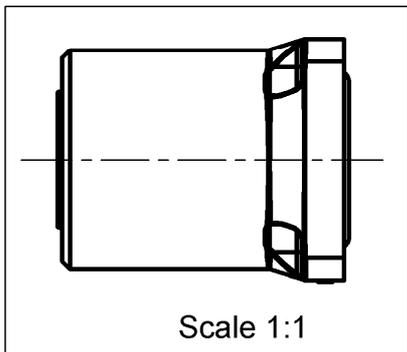
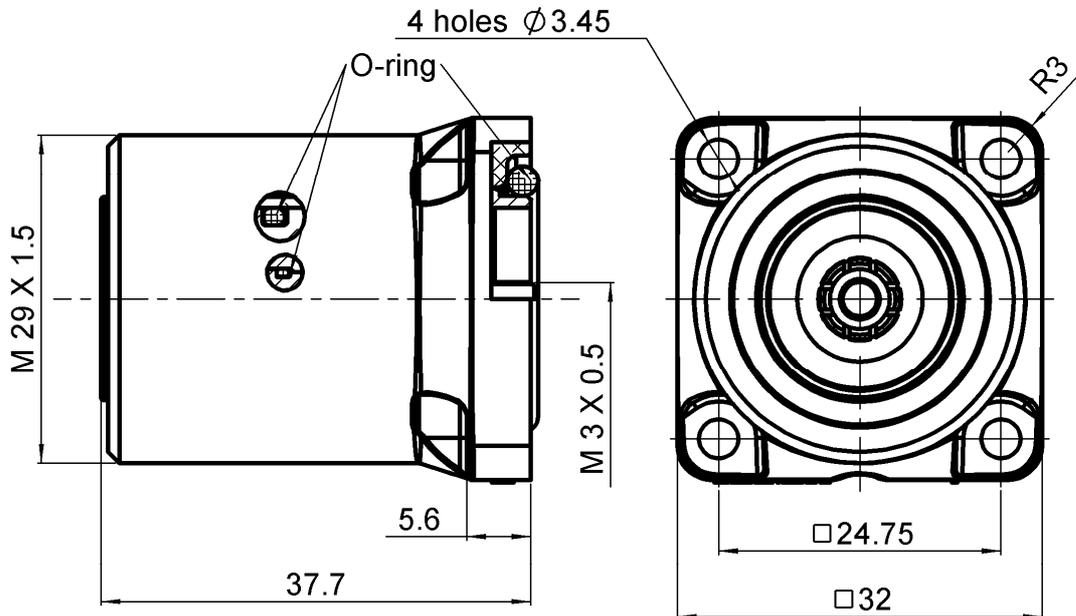


**COMPOSITE SQUARE FLANGE JACK RECEPTACLE-
PANEL SEAL**

R187.413.100

WATERPROOF INTERFACE-FRONT MOUNTING M3 S

Series : 7/16
COMPOSITE



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
BODY	COMPOSITE MATERIAL - BLACK	-
CENTER CONTACT	BRONZE	SILVER 5 OVER COPPER 0.5
OUTER CONTACT	BRASS	BBR 0.5 OVER SILVER 3
INSULATOR	PTFE	-
GASKET	SILICONE RUBBER	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0909 B

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



COMPOSITE SQUARE FLANGE JACK RECEPTACLE-PANEL SEAL

R187.413.100

WATERPROOF INTERFACE-FRONT MOUNTING M3 S

Series : 7/16
COMPOSITE

PACKAGING

SPECIFICATION

Standard	Unit	Other
10	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

Impedance		50 Ω
Frequency		0-7.5 GHz
VSWR	*1.06 +	0,0000 x F(GHz) Maxi
Insertion loss		0.05 √F(GHz) dB Maxi
RF leakage	- (NA - F(GHz)) dB Maxi
Voltage rating		1400 Veff Maxi
Dielectric withstanding voltage		2700 Veff mini
Insulation resistance		10000 MΩ mini

Operating temperature	-40/+85 ° C
Hermetic seal	NA Atm.cm3/s
Panel leakage	IP67

OTHER CHARACTERISTICS

Assembly instruction

Others :

*VSWR : 1.06 between DC to 3 GHz

*VSWR : 1.1 between 3 to 7.5 GHz

PIM3:-125dBm under 2 carriers of +43dBm

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		N.cm
Panel nut		N.cm

Mating life	500	Cycles mini
Weight	44,9500	g

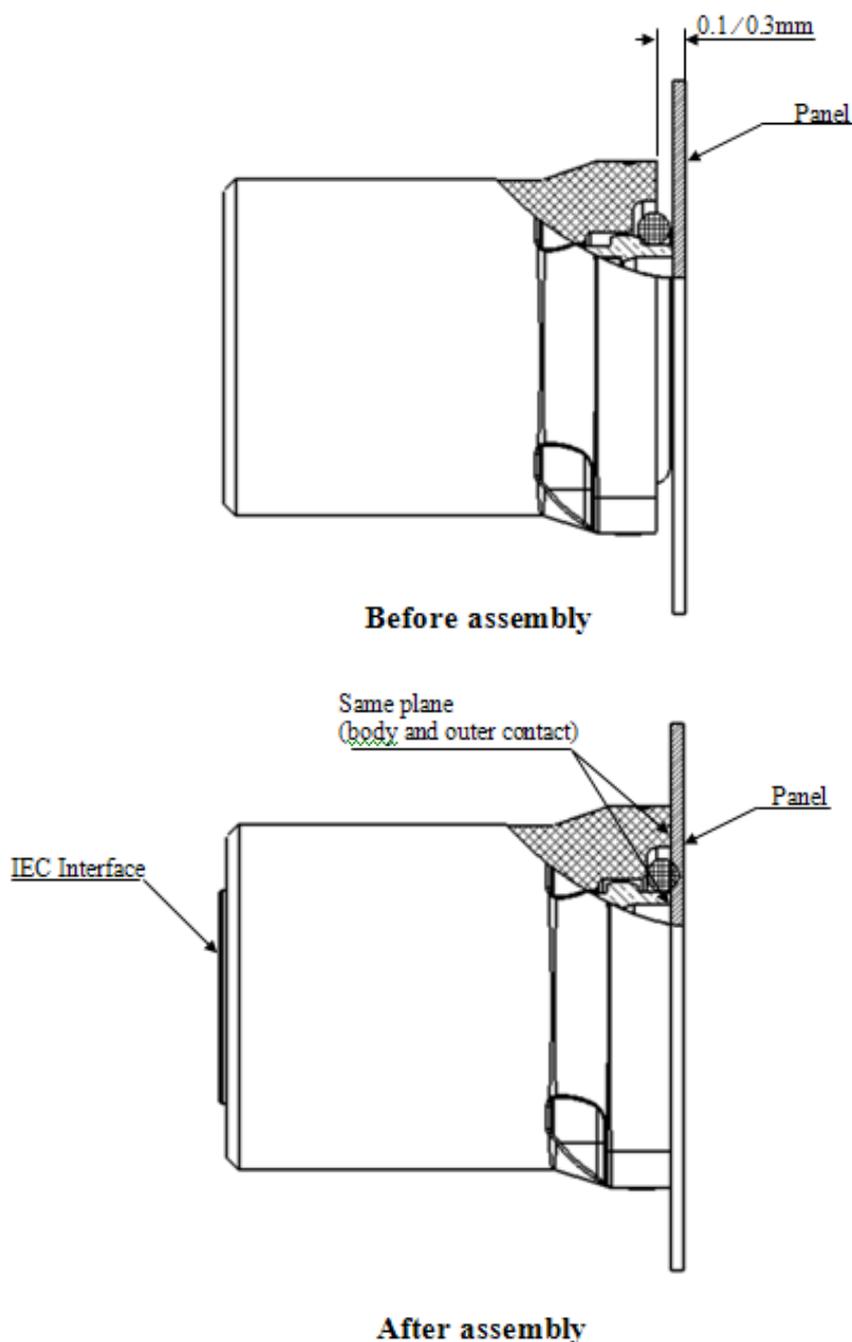
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**COMPOSITE SQUARE FLANGE JACK RECEPTACLE-
PANEL SEAL****R187.413.100****WATERPROOF INTERFACE-FRONT MOUNTING M3 S**Series : 7/16
COMPOSITE**Assembly instruction**

Prior to the installation, the outer contact is slightly protruded from the rear flange (0.1/0.3mm). During the installation, the outer contact is pushed inside the composite housing. In its final position, the outer contact is aligned with the rear flange, and in contact with the panel. During mating, the outer contact is pressed against the panel, reducing significantly the IM3 generation.

**Issue : 0909 B**

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

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