

# COMPOSITE SQUARE FLANGE JACK RECEPTACLE PANEL SEAL AND WATERPROOF INTERFACE REAR MOUNTING M3 SCREW

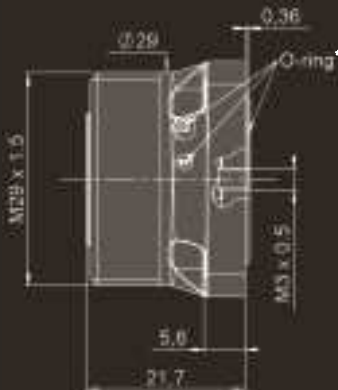


Figure 1

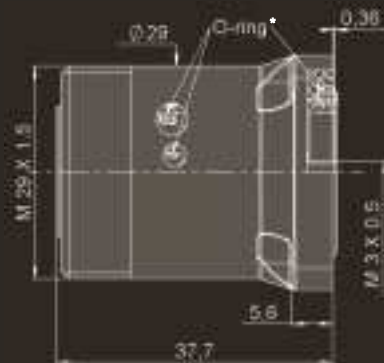


Figure 2

Part number	Figure	Captive center contact	Waterproof interface	Color
R187 403 000	1	no	no	black
R187 403 100			yes	
R187 406 000		yes	no	
R187 406 100			yes	
R187 413 000	2	no	no	
R187 413 100			yes	
R187 416 000		yes	no	
R187 416 100			yes	

Standard color is black however, other colors are proposed upon request. Packaging 20 pieces.  
The 7/16 plug in composite material has also been developed and will be soon available.  
Other specific demands can be proceeded according to customer needs.

\* O-ring inside, only on the waterproof models.

# SPECIFICATIONS

## Excellent electrical performances

Frequency range	DC-7.5 GHz
VSWR	1.06 @ DC-3 GHz
	1.10 @ 3-7.5 GHz
High working voltage	> 2700 V
Very low intermodulation	IMP3 < -125 dBm under 2 carriers of +43 dBm
	And typically < -130 dBm
Power handling	> 800 W @ 935 MHz

## Mechanical characteristics

Long life duration	> 500 mating cycles
Coupling torque	> 35 Nm
Coupling strength	1000 N
Center contact retention/axial force	> 200 N
Center contact retention/torque	> 80 Ncm

## Environmental characteristics

Temperature range	-40°C / +85°C
Humidity	Up to 100% @ 20°C
Flammability rating	UL94-V0
UV resistance	IEC 68-2-5 / IEC 68-2-9
Waterproof	IP67

# Mouser Electronics

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