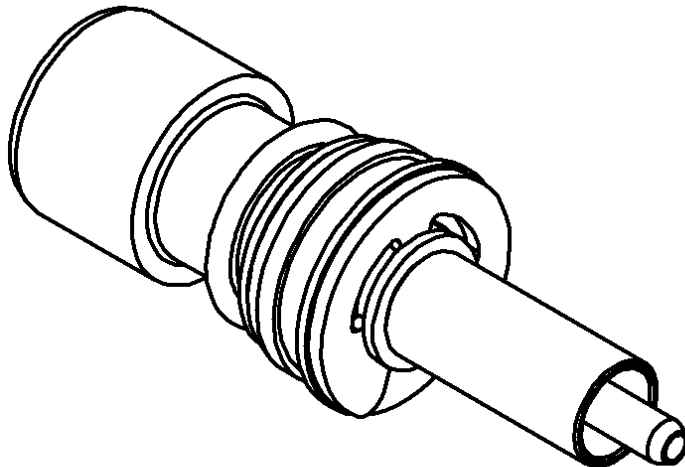
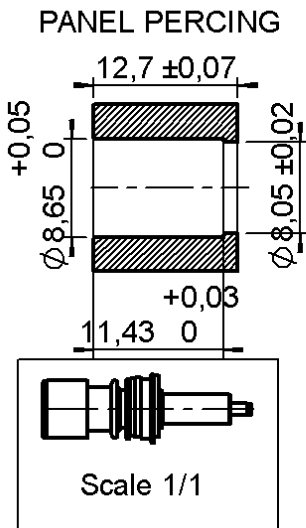
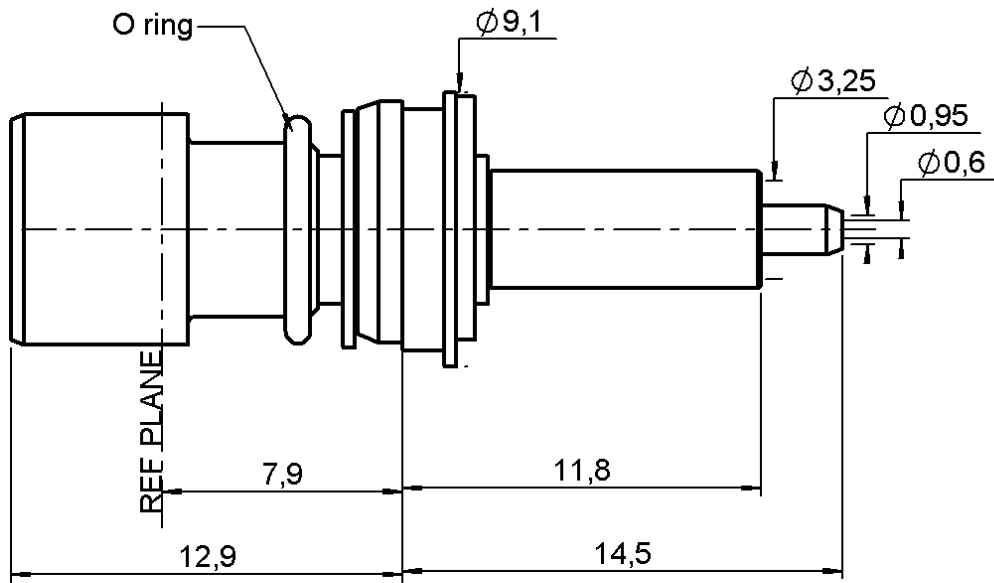


**STRAIGHT FLOATING JACK CRIMP TYPE**

**R128.232.001**

**CABLE 2/50 S**

Series : BMA



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS ( $\mu\text{m}$ )
BODY	STAINLESS STEEL	PASSIVATED .
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
INSULATOR	PTFE	
GASKET	-	
OTHERS PARTS	BRASS	NICKEL 2
.	.	.
.	.	.

Issue : 0402 A

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**PACKAGING**

Standard	Unit	Other
<b>100</b>	<b>'W' option</b>	<b>Contact us</b>

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-12.4</b> GHz
VSWR	<b>1.25 +</b>	<b>0.070</b> x F(GHz) Maxi
Insertion loss		<b>0.03</b> √F(GHz) dB Maxi
RF leakage	- (	<b>NA</b> - F(GHz)) dB mini
Voltage rating		<b>250</b> Veff Maxi
Dielectric withstanding voltage		<b>750</b> Veff mini
Insulation resistance		<b>5000</b> MΩ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2.00	8.00	12.5	0.00	10.5	0.00

Assembly instruction :

Recommended cable(s)  
 RG 178  
 RG 196  
 RG 178 LC  
 KX 21

Cable retention

- pull off **40** N mini
- torque **NA** N.cm

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>27</b>	N mini
Axial force – Opposite end	<b>27</b>	N mini
Torque	<b>NA</b>	N.cm mini

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.235.003	CRIMPING DIES	3.25
R282.293.000	CRIMPING TOOL	-
R282.211.000	CRIMPING TOOL	3.25

Recommended torque		
Mating	<b>NA</b>	N.cm
Panel nut	<b>NA</b>	N.cm
Clamp nut	<b>NA</b>	N.cm
A/F clamp nut	<b>0.000</b>	mm

**OTHERS CHARACTERISTICS**

Mating life	<b>1000</b>	Cycles mini
Weight	<b>3.620</b>	g

**ENVIRONMENTAL**

Operating temperature	<b>-65/+125</b>	° C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

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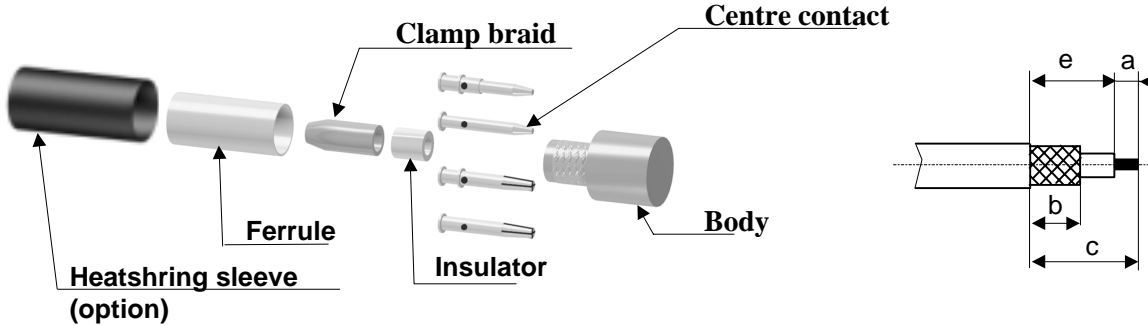
**R128.232.001**

**CABLE 2/50 S**

Series : BMA

**COMPONENTS**

**STRIPPING DIMENSIONS**



**1**

Slide the heatshrink sleeve onto the cable (Option).  
Slide the ferrule onto the cable.  
Strip the cable.

Diagram 1 shows the initial assembly steps. A black heatshrink sleeve is being slid onto the cable. A grey ferrule is also being slid onto the cable. The cable is being stripped, with the outer jacket being removed. Arrows 1, 2, and 3 indicate the direction of movement for the sleeve, ferrule, and stripping respectively.

**4**

Slide cable into body until it bottoms against insulator.

Diagram 4 shows the cable being inserted into the body of the connector. The cable is pushed until it reaches the insulator at the end of the body. An arrow 1 indicates the direction of insertion.

**2**

Fan the braid.  
Slide the braid clamp and the insulator between the dielectric and the braid.  
Slide the insulator between the dielectric and the braid.

Diagram 2 shows the braid being fanned out. The braid clamp and the insulator are being slid between the dielectric and the braid. Arrows 1, 2, and 3 indicate the direction of movement for the braid, clamp, and insulator respectively.

**5**

Slide the ferrule over the braid.  
Crimp the ferrule with crimping tool ( see connector TDS ).

Diagram 5 shows the ferrule being slid over the braid. The ferrule is then crimped onto the braid. Arrows 1 and 2 indicate the direction of movement for the ferrule and the crimping tool respectively.

**3**

Slide on the centre contact until it bottoms against the cable dielectric.  
Solder or crimp the centre contact with crimping tool ( see connector TDS ).  
Clean solder area if necessary.

Diagram 3 shows the centre contact being slid onto the cable dielectric. The centre contact is then soldered or crimped onto the cable dielectric. Arrows 1 and 2 indicate the direction of movement for the centre contact and the crimping tool respectively.

**6**

Cut the excess of braid if necessary.  
Slide the sleeve over the ferrule and heatshrink it in place (Option).

Diagram 6 shows the excess braid being cut. The sleeve is then slid over the ferrule and heatshrinked in place. Arrows 1 and 2 indicate the direction of movement for the sleeve and the heatshrinking process respectively.

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