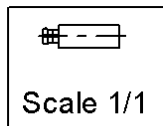
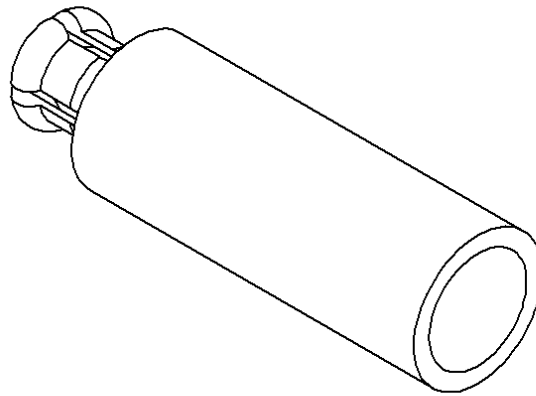
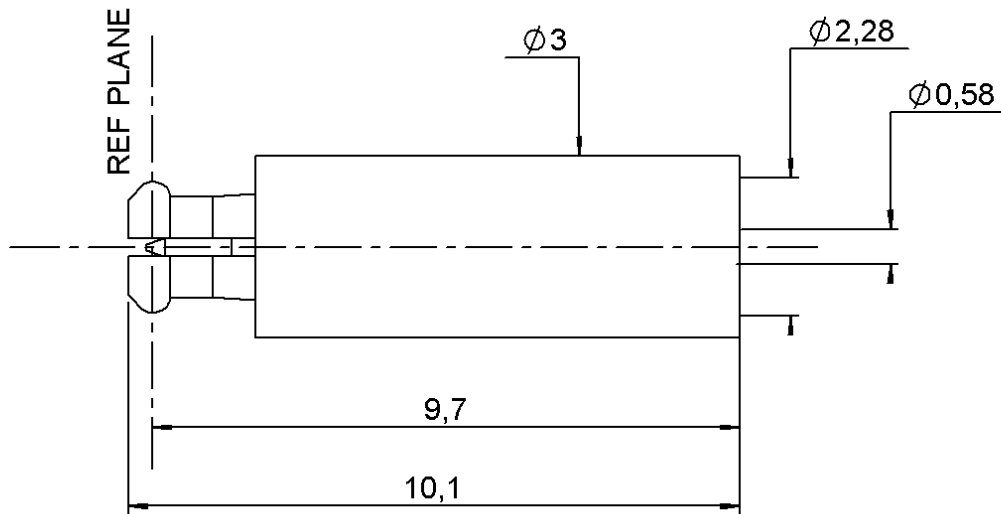


STRAIGHT PLUG SOLDER TYPE

ON CABLE .085

R199.005.233

Series : MC-CARD



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
INSULATOR	PTFE	
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0711 C

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



STRAIGHT PLUG SOLDER TYPE**ON CABLE .085****R199.005.233**

Series : MC-CARD

PACKAGING

Standard	Unit	Other
100	W option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-8	GHz
VSWR	1.15 + 0,0150	x F(GHz) Maxi
Insertion loss	.07	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (65)	- F(GHz)) dB Maxi
Voltage rating	170	Veff Maxi
Dielectric withstanding voltage	500	Veff mini
Insulation resistance	5000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	NA 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
Clamp nut	NA N.cm
A/F clamp nut	0,0000 mm

Mating life	0 Cycles mini
Weight	0,2900 g

ENVIRONMENTAL

Operating temperature	-65/+105 °C
Hermetic seal	NA Atm.cm3/s
Panel leakage	NA

SPECIFICATION**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	1,78	0,00	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
RG 405
BELN 1671A

Cable retention

- pull off	136 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.051.000	STRIPPING TOOL	-
R282.062.000	POINTER GAUGE	Long 1.75

OTHERS CHARACTERISTICS

-

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STRAIGHT PLUG SOLDER TYPE**ON CABLE .085****R199.005.233**

Series : MC-CARD

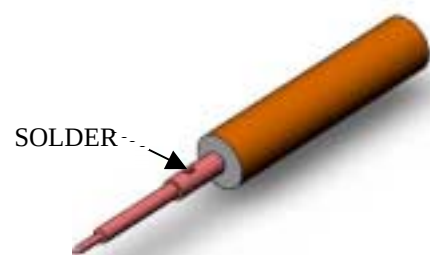
BODY**INSULATOR****CENTER CONTACT**

We recommend a cable thermal preconditioning before assembly.

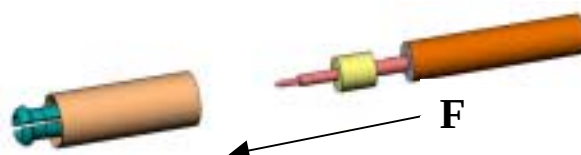
- 1 - Strip the cable
- Clean the cable



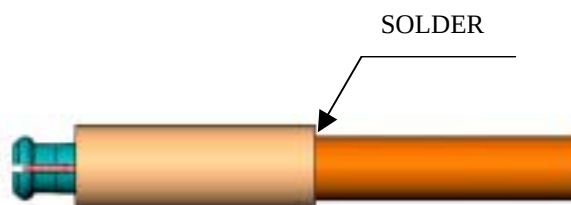
- 2 - Solder the cable inner conductor
into center contact.



- 3 - Slide the insulator on the center contact and slide sub-assembly into the connector body (in direction F)



- 4 - Solder the cable into body of connector.
After cooling clean soldering area.

**Issue : 0711 C**

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Mouser Electronics

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