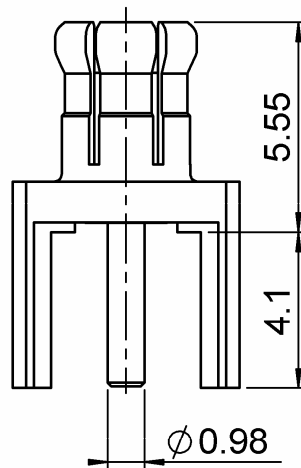
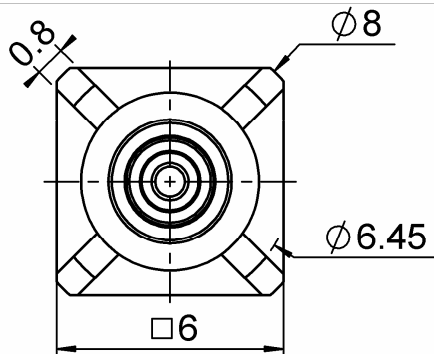


STRAIGHT PLUG RECEPTACLE FOR PCB
NON MAGNETIC SOLDER LEGS

R113.425.097

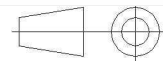
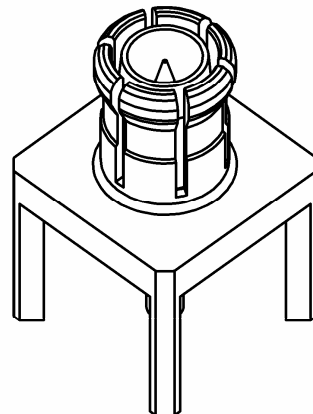
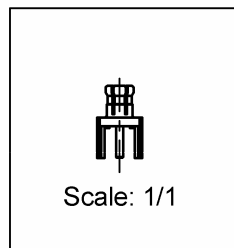
Series : MCX



PANEL CUT OUT

A DIA 5 holes

	mm	
	Maxi	mini
A	1.4	1.3
B	5.13	5.03



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (μm)
BODY	BERYLLIUM COPPER	GBR
CENTER CONTACT	NON MAGNETIC BRONZE	GOLD OVER COPPER
OUTER CONTACT		
INSULATOR	PTFE	
GASKET		
OTHERS PARTS		
-	-	-
-	-	-

Issue : 1145 A

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

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STRAIGHT PLUG RECEPTACLE FOR PCB**R113.425.097****NON MAGNETIC SOLDER LEGS**

Series : MCX

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	**1.05 + 0,0300	x F(GHz) Maxi
Insertion loss	*0.05	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (NA)	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	1000	M Ω mini

ENVIRONMENTAL

Operating temperature	-55/+125	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHER CHARACTERISTICSAssembly instruction **NA**

Others :

* Coaxial Transmission Line Only

** Performance strongly

depends on lay out and pcb material

Distortion of the magnetic field :

<= 0.5 ppm@ 10 mm @ Bo = 1.5 Tesla

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	10 N mini
Axial force – Opposite end	10 N mini
Torque	NA N.cm mini

Recommended torque

Mating	NA N.cm
Panel nut	NA N.cm

Mating life	500 Cycles mini
Weight	0,5400 g

Issue : 1145 A

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