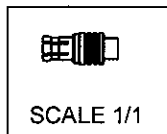
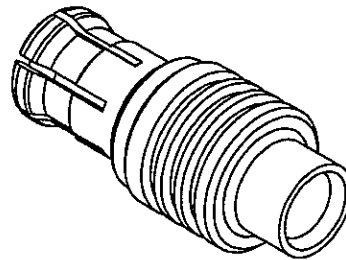
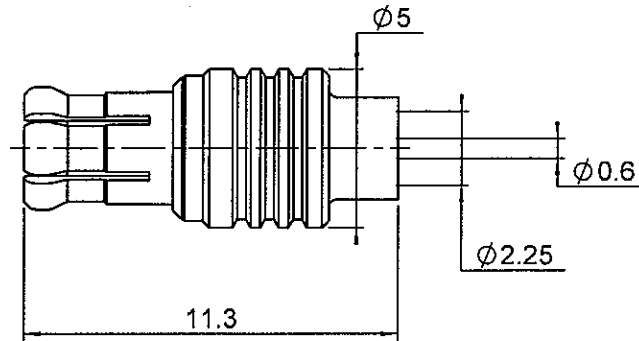
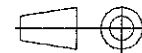


TECHNICAL DATA SHEET		1 / 3
STRAIGHT PLUG SOLDER TYPE		R113.053.000
CABLE .085		Series : MCX



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
INSULATOR	PTFE	
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-

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

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TECHNICAL DATA SHEET					2 / 3	
STRAIGHT PLUG SOLDER TYPE				R113.053.000		
CABLE .085				Series : MCX		
PACKAGING				SPECIFICATION		
Standard	Unit	Other				
100	'W' option	Contact us				
ELECTRICAL CHARACTERISTICS				CABLE ASSEMBLY		
Impedance	50	Ω				
Frequency	0-6	GHz				
VSWR	1.10 + 0.0400	x F(GHz) Maxi				
Insertion loss	0.25	√F(GHz) dB Maxi				
RF leakage	- (NA	- F(GHz)) dB mini				
Voltage rating	250	Veff Maxi				
Dielectric withstanding voltage	750	Veff mini				
Insulation resistance	1000	MΩ mini				
MECHANICAL CHARACTERISTICS				Assembly instruction :		
Center contact retention						
Axial force – Mating end	NA	N mini				
Axial force – Opposite end	NA	N mini				
Torque	NA	N.cm mini				
Recommended torque				Recommended cable(s)		
Mating	NA	N.cm				
Panel nut	NA	N.cm				
Clamp nut	NA	N.cm				
A/F clamp nut	0.0000	mm				
Mating life				Cable retention		
500 Cycles mini				- pull off 155 N mini		
Weight				- torque NA N.cm		
ENVIRONMENTAL				TOOLING		
Operating temperature	-55/+115	° C				
Hermetic seal	NA	Atm.cm3/s				
Panel leakage	NA					
Issue : 0925 B				OTHERS CHARACTERISTICS		
In the effort to improve our products, we reserve the right to make changes judged to be necessary.				-		
				RADIAL		

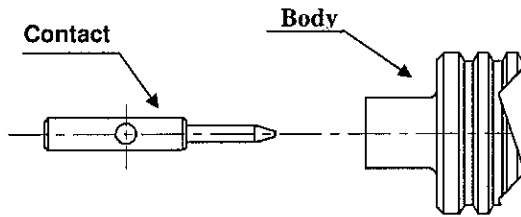
STRAIGHT PLUG SOLDER TYPE

CABLE .085

R113.053.000

Series : MCX

COMPONENT



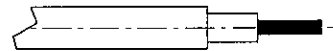
STRIPPING DIMENSIONS



We recommend a thermal preconditioning cable.

1

Cable stripping.



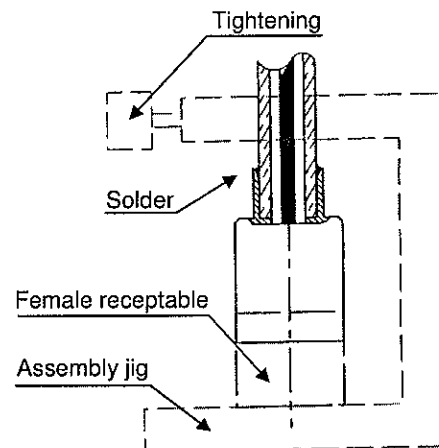
2

Tin centre contact solder pot.
Solder centre contact on cable inner conductor.
Clean solder.



3

Introduce cable into the connector body until contact with the body shoulder.
Place the sub assembly into the assembly jig R282 740 020 (or equivalent).
We advice to connect a female receptable to the connector prior to solder the body in order to respect right centre contact position.
Tighten the sub assembly.
Solder body on the cable.
Let the assembly cool down before removing it from the jig.
Clean solder.



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