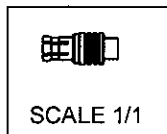
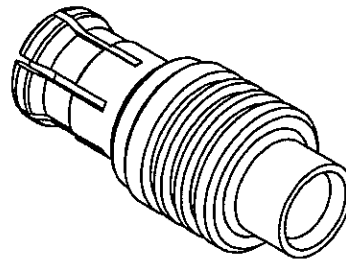
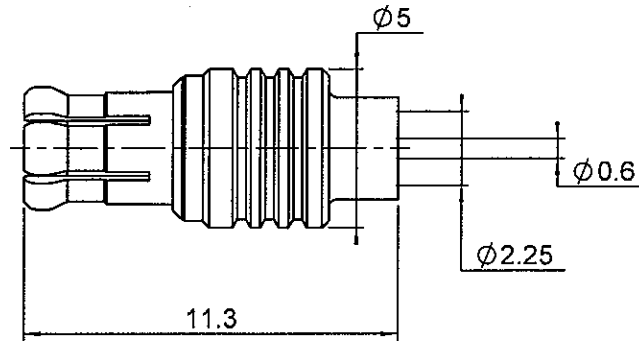
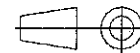


TECHNICAL DATA SHEET		1 / 3
STRAIGHT PLUG SOLDER TYPE		R113.053.000
CABLE .085		Series : MCX



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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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		Stripping	a	b	c	d	e	f
Frequency	0-6	GHz		mm	2.70	0.00	0.00	0.00	2.10	0.00
VSWR	1.10 + 0.0400	x F(GHz) Maxi		Assembly instruction :						
Insertion loss	0.25	√F(GHz) dB Maxi		Recommended cable(s)						
RF leakage	- (NA	- F(GHz)) dB mini		KS 1						
Voltage rating	250	Veff Maxi		RG 405						
Dielectric withstanding voltage	750	Veff mini		Cable retention						
Insulation resistance	1000	MΩ mini		- pull off 155 N mini						
MECHANICAL CHARACTERISTICS				- torque NA N.cm						
Center contact retention				TOOLING						
Axial force – Mating end	NA	N mini		Part Number	Description			Hexagon		
Axial force – Opposite end	NA	N mini		.	.			.		
Torque	NA	N.cm mini		R282.740.020	SOLDERING MOUNTING					
Recommended torque				OTHERS CHARACTERISTICS						
Mating	NA	N.cm		-						
Panel nut	NA	N.cm								
Clamp nut	NA	N.cm								
A/F clamp nut	0.0000	mm								
Mating life	500	Cycles mini								
Weight	0.6430	g								
ENVIRONMENTAL										
Operating temperature	-55/+115	° C								
Hermetic seal	NA	Atm.cm3/s								
Panel leakage	NA									
Issue : 0925 B				RADIAL						
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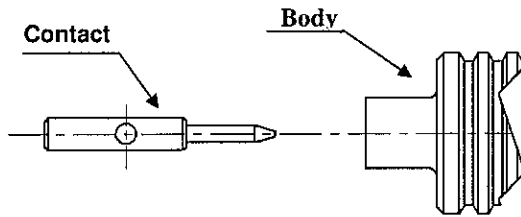
STRAIGHT PLUG SOLDER TYPE

CABLE .085

R113.053.000

Series : MCX

COMPONENT



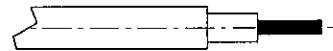
STRIPPING DIMENSIONS



We recommend a thermal preconditioning cable.

1

Cable stripping.



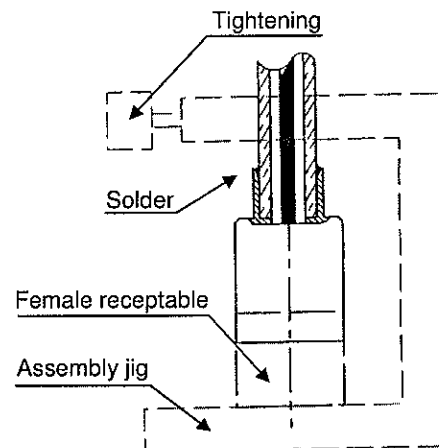
2

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 advise 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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