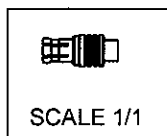
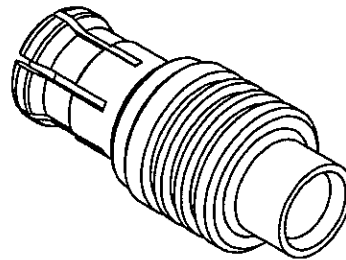
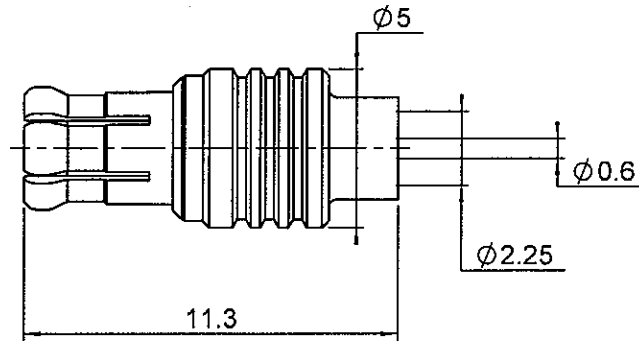
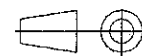


TECHNICAL DATA SHEET		1 / 3
STRAIGHT PLUG SOLDER TYPE		R113.053.000
CABLE .085		Series : MCX



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		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							
				- torque NA N.cm							
MECHANICAL CHARACTERISTICS				TOOLING							
Center contact retention				Part Number		Description	Hexagon				
Axial force – Mating end		NA N mini		.		.	.				
Axial force – Opposite end		NA N mini		R282.740.020		SOLDERING					
Torque		NA N.cm mini				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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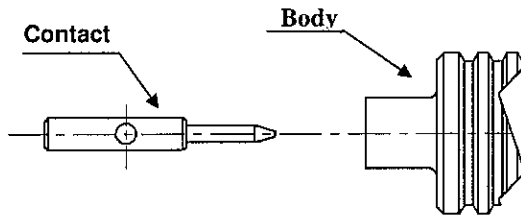
STRAIGHT PLUG SOLDER TYPE

CABLE .085

R113.053.000

Series : MCX

COMPONENT



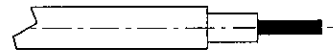
STRIPPING DIMENSIONS



We recommend a thermal preconditioning cable.

1

Cable stripping.



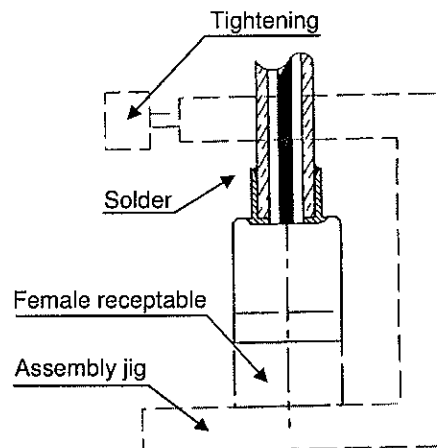
2

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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