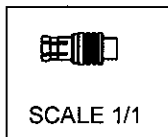
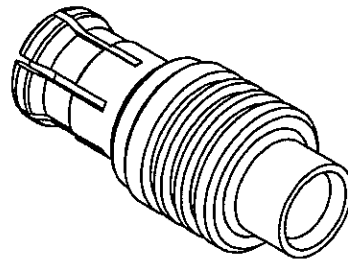
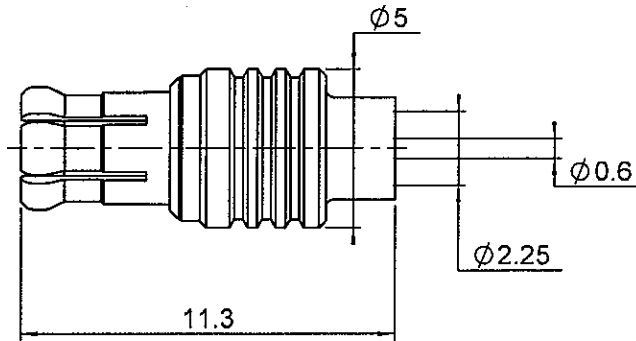


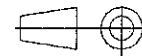
STRAIGHT PLUG SOLDER TYPE
CABLE .085

R113.053.000

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	-	
-	-	
-	-	

Issue : 0925 B

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

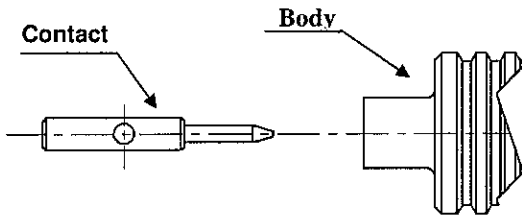
RADIAL

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	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Stripping</th> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> <th>f</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">mm</td> <td style="text-align: center;">2.70</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">2.10</td> <td style="text-align: center;">0.00</td> </tr> </tbody> </table>	Stripping	a	b	c	d	e	f	mm	2.70	0.00	0.00	0.00	2.10	0.00
Stripping	a	b	c	d	e	f										
mm	2.70	0.00	0.00	0.00	2.10	0.00										
Frequency	0-6 GHz	Assembly instruction :														
VSWR	1.10 + 0.0400 x F(GHz) Maxi															
Insertion loss	0.25 $\sqrt{F(GHz)}$ 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 M Ω mini	- pull off														
		155 N mini														
		- torque														
		NA N.cm														
MECHANICAL CHARACTERISTICS		TOOLING														
Center contact retention		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Part Number</th> <th style="text-align: left;">Description</th> <th style="text-align: left;">Hexagon</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">.</td> <td style="text-align: left;">.</td> <td style="text-align: left;">.</td> </tr> <tr> <td style="text-align: left;">R282.740.020</td> <td style="text-align: left;">SOLDERING MOUNTING</td> <td style="text-align: left;"></td> </tr> </tbody> </table>	Part Number	Description	Hexagon	.	.	.	R282.740.020	SOLDERING MOUNTING						
Part Number	Description	Hexagon														
.	.	.														
R282.740.020	SOLDERING MOUNTING															
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	500 Cycles mini															
Weight	0.6430 g															
ENVIRONMENTAL		OTHERS CHARACTERISTICS														
Operating temperature	-55/+115 $^{\circ}$ C															
Hermetic seal	NA Atm.cm3/s															
Panel leakage	NA															
<p>Issue : 0925 B</p> <p>In the effort to improve our products, we reserve the right to make changes judged to be necessary.</p>																
		RADIALL														

STRAIGHT PLUG SOLDER TYPE
CABLE .085

R113.053.000
 Series : MCX

COMPONENT



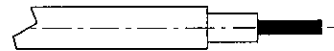
STRIPPING DIMENSIONS



We recommend a thermal preconditioning cable.

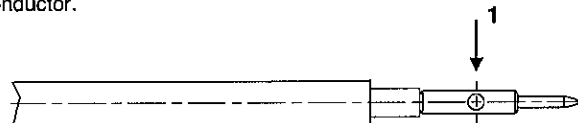
1

Cable stripping.



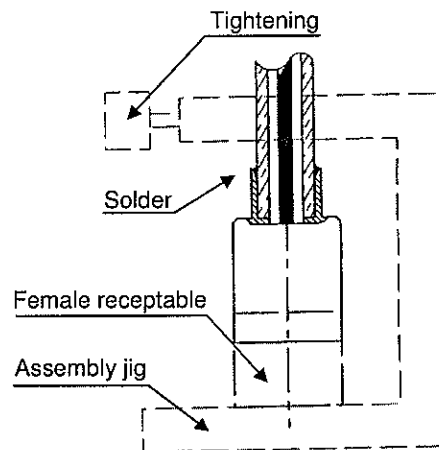
2

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.



Issue : 0925 B

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