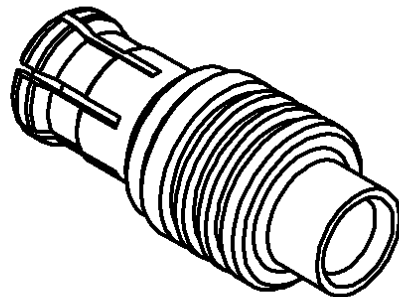
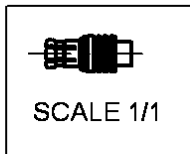
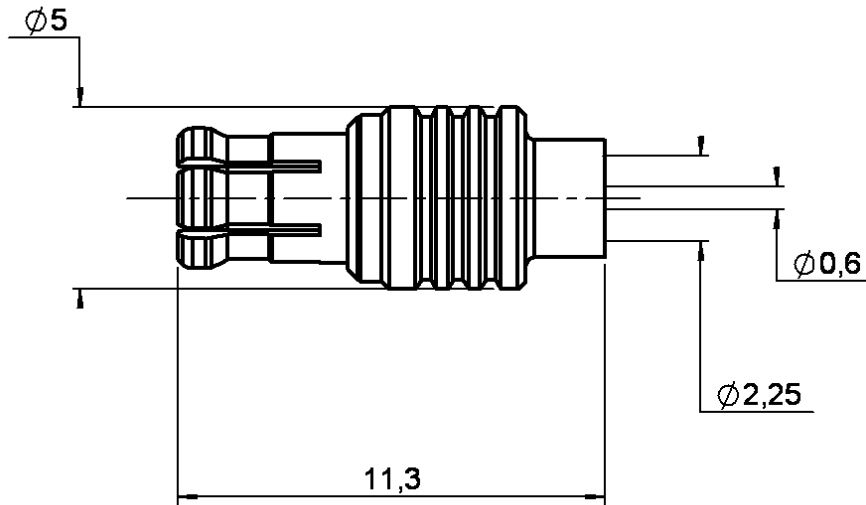


STRAIGHT PLUG SOLDER TYPE

R113.053.020

CABLE .085

Series : MCX



CECC 22221-MCX

All dimensions are in mm.



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

Issue : 0214 B

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



STRAIGHT PLUG SOLDER TYPE

R113.053.020

CABLE .085

Series : MCX

PACKAGING

Standard	Unit	Other
1	-	Contact us

SPECIFICATION

CABLE ASSEMBLY

ELECTRICAL CHARACTERISTICS

Stripping	a	b	c	d	e	f
mm	2.70	0.00	0.00	0.00	2.10	0.00

Impedance **50** Ω
 Frequency **0-6** GHz
 VSWR **1.10 + 0.040** x F(GHz) Maxi
 Insertion loss **0.25** √F(GHz) dB Maxi
 RF leakage - (**NA** - F(GHz)) dB Maxi
 Voltage rating **250** Veff Maxi
 Dielectric withstanding voltage **750** Veff mini
 Insulation resistance **1000** MΩ mini

Assembly instruction :

Recommended cable(s)
 KS 1
 RG 405

Cable retention
 - pull off **155** N mini
 - torque **NA** N.cm

MECHANICAL CHARACTERISTICS

TOOLING

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

Part Number	Description	Hexagon
.	.	.
R282.740.020	SOLDERING MOUNTING	

Recommended torque
 Mating **NA** N.cm
 Panel nut **NA** N.cm
 Clamp nut **NA** N.cm
 A/F clamp nut **0.000** mm

OTHERS CHARACTERISTICS

Mating life **500** Cycles mini
 Weight **0.643** g

ENVIRONMENTAL

Operating temperature **-55/+115** °C
 Hermetic seal **NA** Atm.cm3/s
 Panel leakage **NA**

Issue : 0214 B

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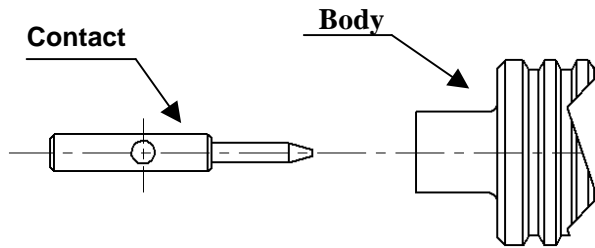
STRAIGHT PLUG SOLDER TYPE

R113.053.020

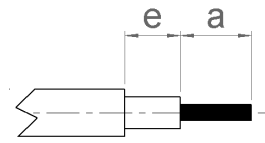
CABLE .085

Series : MCX

COMPONENT



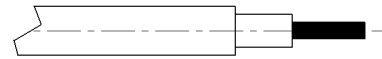
STRIPPING DIMENSIONS



We recommend a thermal preconditionning cable.

1

Cable stripping.



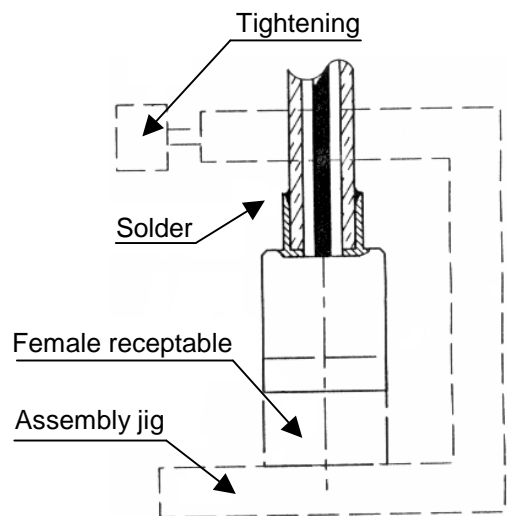
2

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.



Issue : 0214 B

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