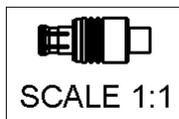
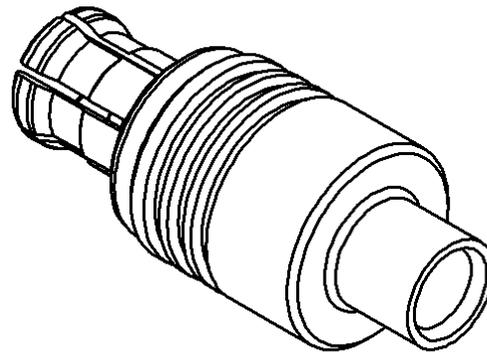
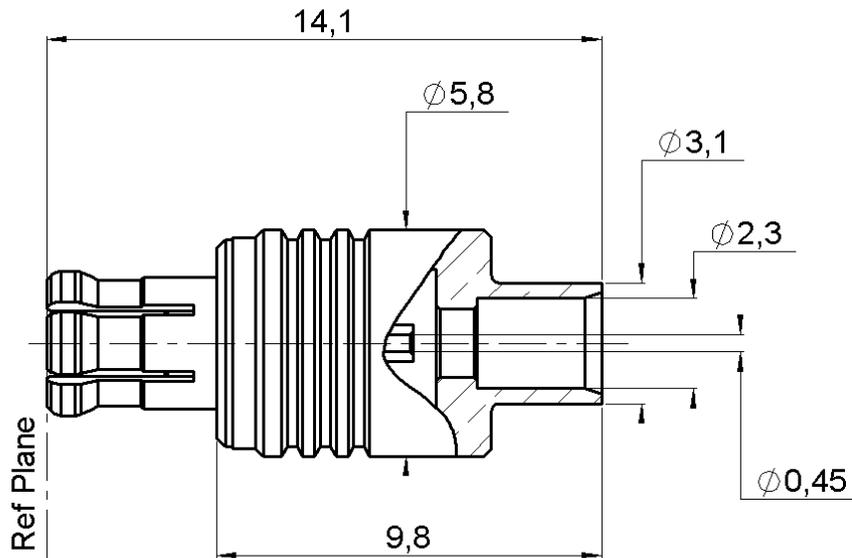


STRAIGHT PLUG SOLDER TYPE

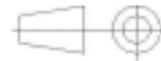
R213.053.037

CABLE .085/75

Series : MCX 75



All dimensions are in mm.



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

Issue : 0633 A

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



STRAIGHT PLUG SOLDER TYPE

R213.053.037

CABLE .085/75

Series : **MCX 75**

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance	75	Ω
Frequency	0-6	GHz
VSWR	1.05 + 0,0200	x F(GHz) Maxi
Insertion loss	0.1	\sqrt{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	M Ω mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	2,40	0,00	0,00	0,00	1,70	0,00

Assembly instruction :

Recommended cable(s)
UT 085-75-TP

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	130	N mini
- torque	NA	N.cm

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	10	N mini
Axial force – Opposite end	10	N mini
Torque	NA	N.cm mini

TOOLING

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	0,0000	mm

OTHER CHARACTERISTICS

Mating life	500	Cycles mini
Weight	1,1600	g

ENVIRONMENTAL

Operating temperature	-55/+115	$^{\circ}$ C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

Issue : **0633 A**

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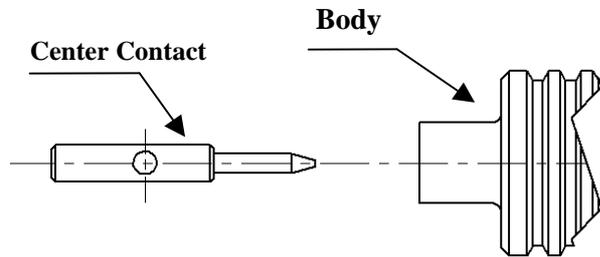
STRAIGHT PLUG SOLDER TYPE

R213.053.037

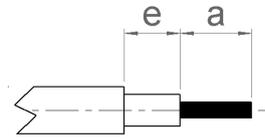
CABLE .085/75

Series : MCX 75

COMPONENTS



STRIPPING DIMENSIONS



We recommend a thermal preconditioning cable.

1

Cable stripping.



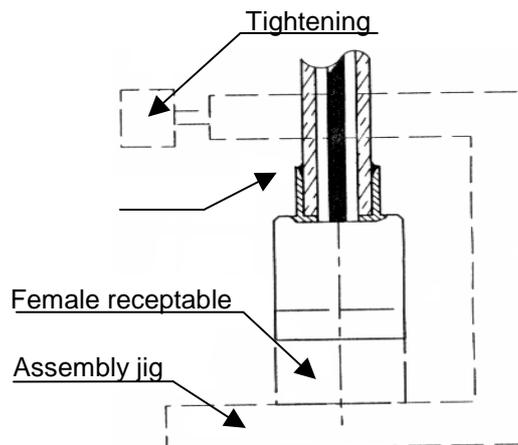
2

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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