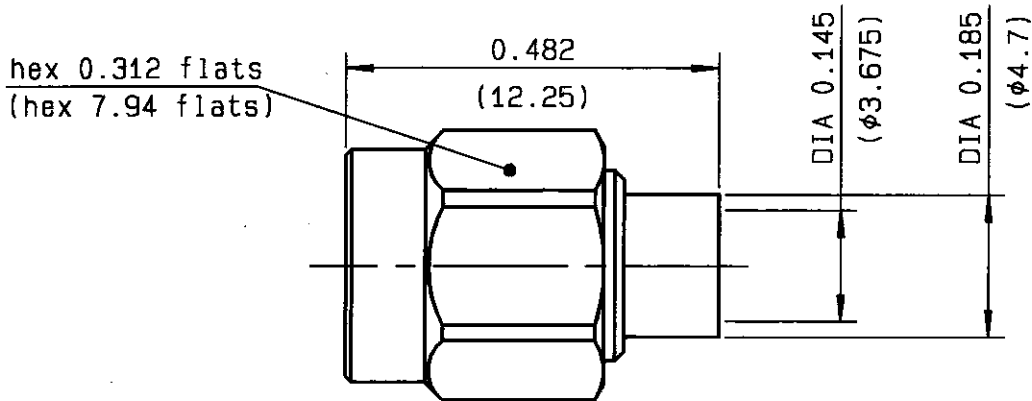


STRAIGHT SOLDER PLUG FOR  
.141 SEMI-RIGID CABLE (CONTACT CAPTIVE)

Series : SMA

1 / 2



CABLES : -

CHARACTERISTICS

NOMINAL IMPEDANCE	50 $\Omega$
FREQUENCY RANGE	0-18 GHz
TEMPERATURE RATING	-65/+165 °C
VSWR	TBD + - x F(GHz)Maxi
RF INSERTION LOSS	TBD $\sqrt{F}$ (GHz) dB Maxi
VOLTAGE RATING	500 Vrms Max
DIELECTRIC WITHSTANDING VOLTAGE	1500 Vrms min
INSULATION RESISTANCE	5000 M $\Omega$ min
HERMETIC SEAL	- cc/s NA Atm.cm3/s
LEAKAGE (pressurized only)	- psi NA MPa
WEIGHT	0 Oz g

STANDARDISATION

CABLE RETENTION	112.26 lb min 500 N
CENTER CONTACT RETENTION	
Axial force - mating end	6.06 lb min 27 N
Axial force - opposite end	5.06 lb min 27 N
Torque (Min)	0 Inch.oz NA cm.N
RECOMMENDED TORQUES	
Mating	8.85 Inch.lb 100 cm.N
Panel nut	0 Inch.lb NA cm.N
Clamp nut	0 Inch.lb NA cm.N

CONSTRUCTION

CONNECTOR PARTS	MATERIALS	FINISH
BODY	STAINLESS STEEL	GOLD
OUTER CONTACT	-	-
CENTER CONTACT	BRASS	GOLD
INSULATOR	PTFE	-
COUPLING NUT	STAINLESS STEEL	GOLD
-	-	-
-	-	-
-	-	-
-	-	-

ISSUE	REVISION No	DESCRIPTION	BY	DATE
-	-	-	-	-
9616	96-04-111	Changed 0-6 to 0-18, -65/+105 to -65/+165, 267 to 500	RAFFAELI	17-04-96
9616	96-04-111	Changed beryllium copper to brass, strip dimensions sheet 2.	RAFFAELI	17-04-96

Initiated on 21/07/95

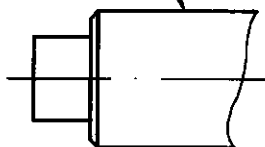
Approval by PEYRET

RAFFAELI

The information given here is subject to change without notice. Design changes may be in order to improve the product.

95-0400-317

CONNECTOR BODY

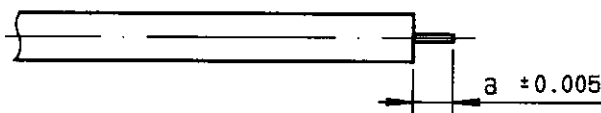


We recommend a thermal preconditioning cable .

①

Strip the cable .

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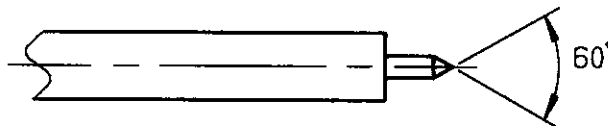


Stripping	a	b	c	d	e
inch	0.079 0	0	0	0	0
mm	2	-	-	-	-

②

Trim cable center conductor .

-  
-  
-



③

Introduce the cable into the connector body until contact with the body shoulder.  
Place the sub-assembly on assembly jig.  
Solder body on the cable.  
Let assembly cool down before removing it from the jig.

-  
-  
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