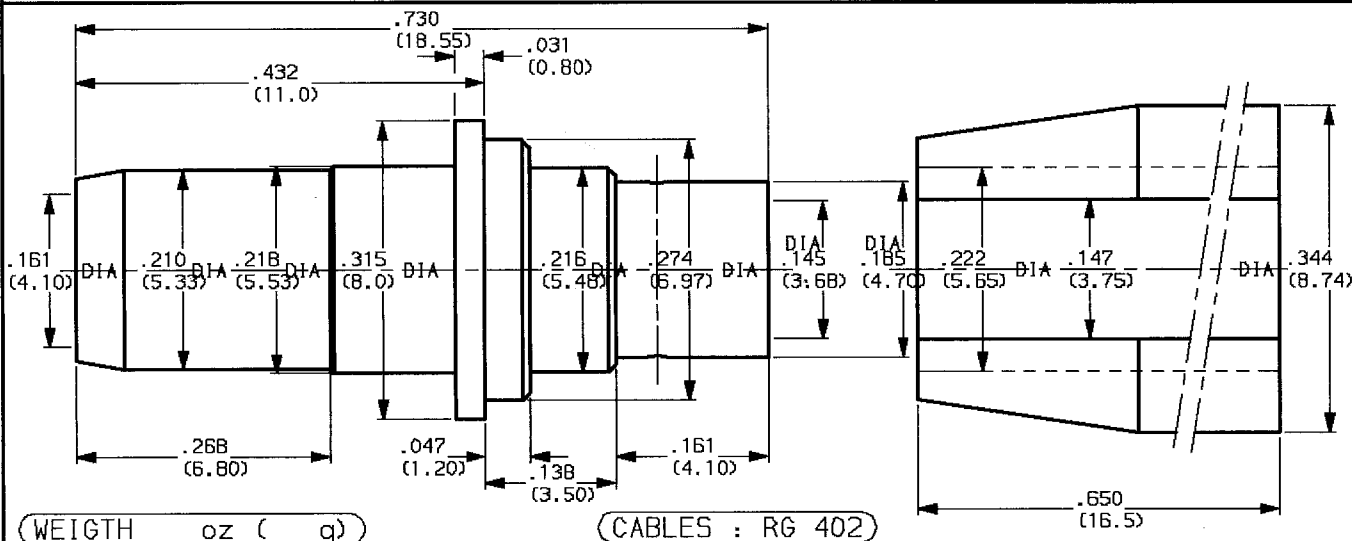


MIL C38999 CONNECTORS SERIES I II III IV
COAXIAL PIN CONTACT - .141 CABLE

SERIES:

BMA 1

/ 2



CHARACTERISTICS

NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-22 GHz
TEMPERATURE RATING	-65/+125 °C
VSWR	1.05+ .01#F GHz
RF INSERTION LOSS	.03 $\sqrt{F}$ dB Maxi
VOLTAGE RATING	500 Vrms Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1500 Vrms mini
INSULATION RESISTANCE	5000 Ma mini
HERMETIC SEAL	NA cc/s Atm.cm3/s
LEAKAGE (pressurized only)	NA psi MPa
WEIGHT	0.07 OZ 2 gr

STANDARDISATION

CABLE RETENTION	61.2 Lb mini 272 N
CENTER CONTACT RETENTION	
Axial force - mating end	6.075 Lb mini 27 N
Axial force - opposite end	6.075 Lb mini 27 N
Torque (Min)	NA Inch.oz cm.N
RECOMMENDED TORQUES	
Mating	NA Inch.Lb cm.N
Panel nut	NA Inch.Lb cm.N
Clamp nut	NA Inch.Lb cm.N

CONSTRUCTION

CONNECTOR PARTS	MATERIALS	FINISH
BODY	STAINLESS STEEL	GOLD OVER NICKEL
CENTER CONTACT	BERYLLIUM COPPER	GOLD OVER NICKEL
INSULATORS	PTFE	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

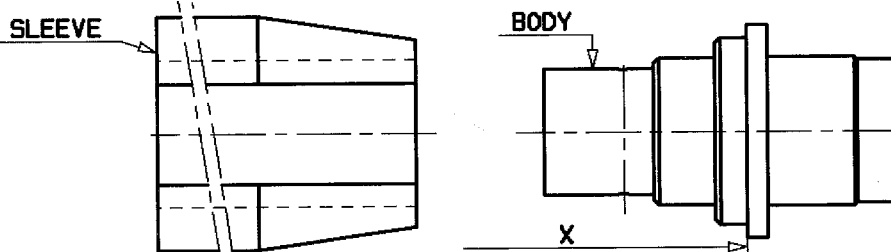
ISSUE	REVISION No	DESCRIPTION	BY	DATE
9133	.	Changed differents diameters / Added new piece part	MEYNIER	14-AUG-91
9128	.	CHANGED TITLE	MEYNIER	10-JUL-91
9127	.	Changed side for dim .432	MEYNIER	05-JUL-91

Initiated on 13-MAR-91

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



Superseded on



we recommend a thermal preconditionning cable

①

1-1 Strip the cable .

Stripping tool R282 053

Positioner R282 066

Note : X=.748 min (19.0) (Straight length of cable before bent radius)

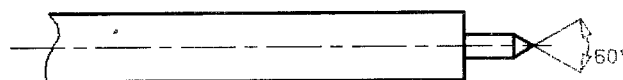


Stripping	a	b	c	d	e
inch	.085	-	-	-	-
mm	2.16	-	-	-	-

②

2-1 Trimm cable centre conductor .

Trimmer R282 066



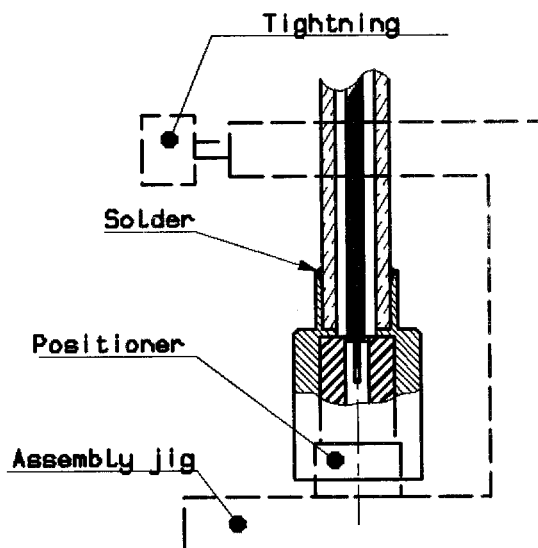
③

3-1 Introduce the cable into the connector body until contact with the body shoulder. Place the sub assembly into the assembly jig R282 740 (or equivalent) with positioner R282 B60 100 and tighten it .

3-2 Solder body on the cable .

3-3 Let the assembly cool down before removing it from the jig .

After assembling connector into the panel push the sleeve home.
For disassembling connector remove the sleeve and use extraction tool 282 549 001



ISSUE	REVISION No	DESCRIPTION	BY	DATE
9134	.	Added new piece part, tool, straight length of cable / .065 -> .141	MEYNIER	19-AUG-91
9128	.	CHANGED TITLE	MEYNIER	1-JUL-91

Initiated on 13-03-91

Superseded on

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