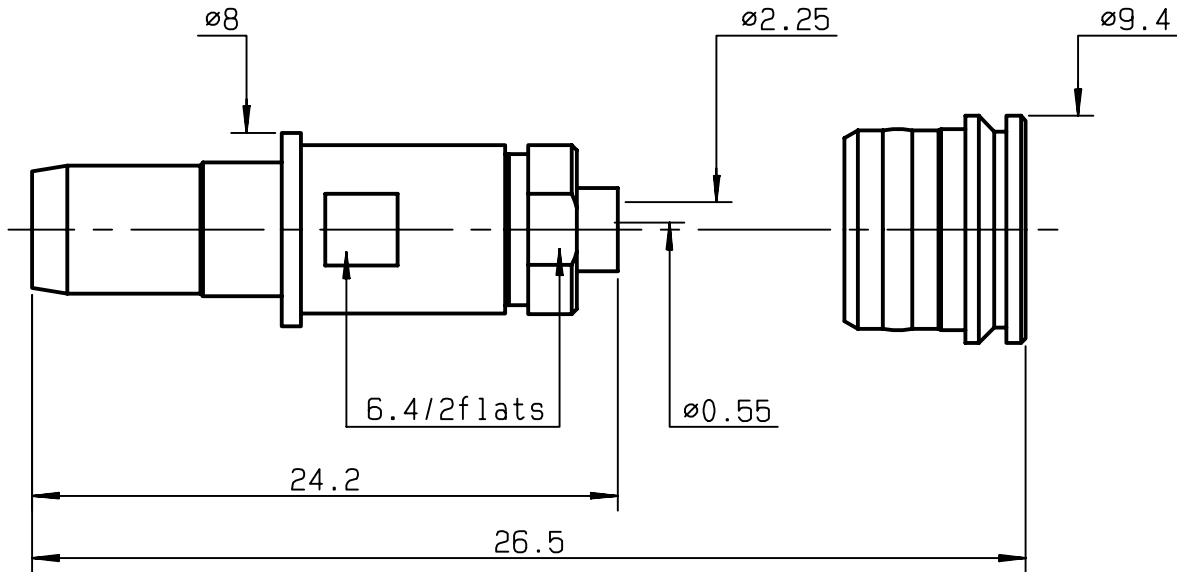


**STRAIGHT PLUG SOLDER TYPE
PRESS MOUNT - CABLE .085**

R128.053.201
SERIES BMA



NOMINAL IMPEDANCE	50 Ω	CABLES : KS 1
FREQUENCY RANGE	0-18 GHz	RG 405
TEMPERATURE RATING	-65/+125 °C	
V.S.W.R	1.07 + .01 x F(GHz)Maxi	
RF INSERTION LOSS	0.03 √F(GHz) dB Maxi	
VOLTAGE RATING	350 Veff Maxi	
DIELECTRIC WITHSTANDING VOLTAGE	1000 Veff Mini	
INSULATION RESISTANCE	5000 MΩMini	OTHERS CHARACTERISTICS
HERMETIC SEAL	NA Atm.cm ³ /s	CABLE RETENTION
LEAKAGE (pressurized only)	NA	136 N Mini
MECHANICAL DURABILITY	1000 Cycles	CENTER CONTACT RETENTION
WEIGHT	4.3 gr	Axial force - mating end
SPECIFICATION		27 N Mini
		Axial force - opposite end
		27 N Mini
		Torque
		NA cm.N Mini
		RECOMMENDED TORQUES
		Mating
		NA cm.N
		Panel nut
		NA cm.N
		Clamp nut
		200 cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given in micrometers)
BODY	STAINLESS STEEL	PASSIVATED	
OUTER CONTACT		PASSIVATED	
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2	
INSULATOR	PTFE	-	
GASKET		-	
OTHERS PIECES	BRASS	GOLD 0.5 OVER NICKEL 2	

ISSUE	CREATION DATE	FILE PART-NUMBER
0213A00	23/09/1997	97-1000-025



RADIALL®

BONOMINI

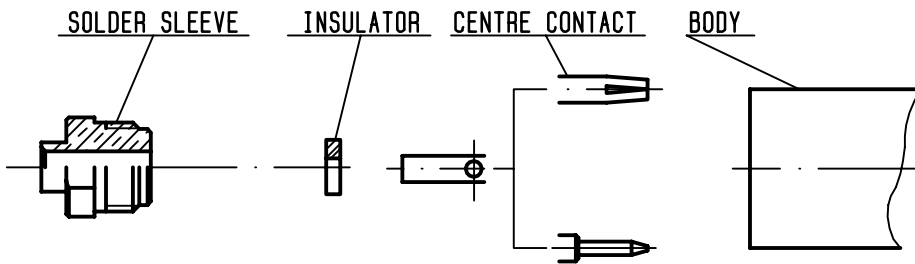
The information given here is subject to change without notice.
Design changes may be in order to improve the product .

Connect to the future



R128.053.201

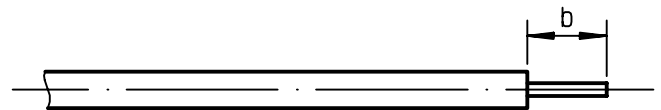
ISSUE **0213A00** SERIES **BMA**



We recommend a cable thermal preconditioning before assembly.

①

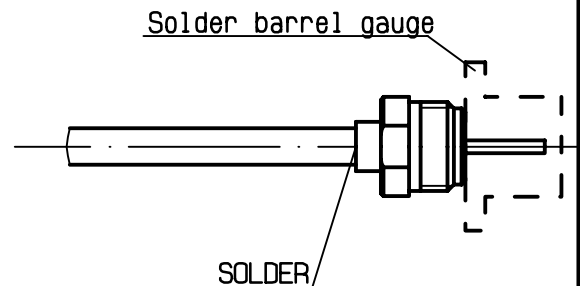
To take the tool kit : R 282 120 000 .
 Strip the dielectric of the cable .
 Stripping tool cable : R 282 051 000 .
 Trim cable centre conductor .
 Trimmer : R 282 063 000 .
 Clean the cable .



Stripping	a	b	c	d	e
inch	0	0.125 0	0	0	0
mm		3.17			

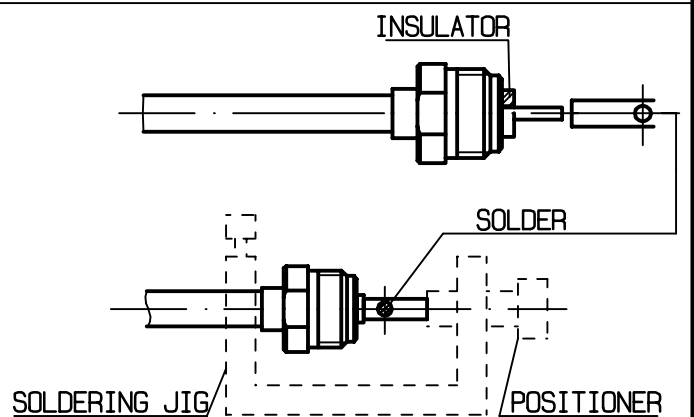
②

Slide the solder sleeve onto the cable .
 Position solder sleeve flush against
 solder barrel gauge and solder to the cable
 or align with outer the conductor (b) .
 Solder barrel gauge : R 282 744 300 .



③

Once cooled , remove the solder barrel gauge.
 Cut the dielectric flush to clamp braid sleeve.
 Slide the insulator onto the cable inner
 conductor .
 Slide the centre contact onto the cable
 inner conductor against insulator .
 Fit the cable assembly onto the soldering
 jig R 282 740 000 and the positioner
 R 282 744 220 .
 Tighten cable and solder the centre contact .



④

Screw sub-assembly into the connector
 body .
 (recommended coupling torque 17.7 in.lb)
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