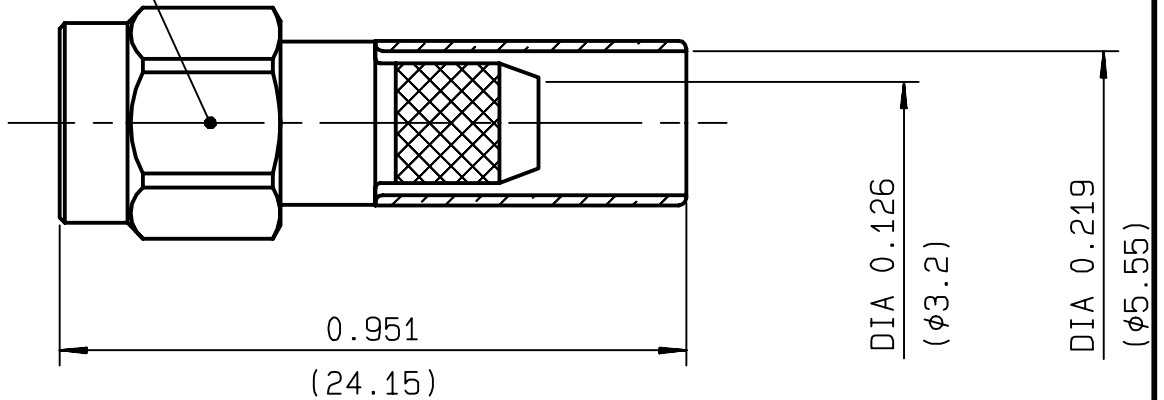


**STRAIGHT PLUG CRIMP TYPE  
CABLE 5/50 S**

**R125.075.005**  
SERIES SMA

hex 0.315 flats  
(hex 8 flats)

**\* PRELIMINAIRE  
PRELIMINARY \***



NOMINAL IMPEDANCE	<b>50</b> Ω	CABLES : <b>KX 15</b>
FREQUENCY RANGE	<b>0-12.4</b> GHz	<b>RG 141</b>
TEMPERATURE RATING	<b>-65/+165</b> °C	<b>RG 58</b>
V.S.W.R	<b>1.15</b> + <b>.01</b> x F(GHz)Maxi	
RF INSERTION LOSS	<b>0.06</b> √F(GHz) dB Maxi	
VOLTAGE RATING	<b>335</b> Veff Maxi	
DIELECTRIC WITHSTANDING VOLTAGE	<b>1000</b> Veff Mini	
INSULATION RESISTANCE	<b>5000</b> MΩMini	OTHERS CHARACTERISTICS
HERMETIC SEAL	<b>NA</b> Atm.cm <sup>3</sup> /s	CABLE RETENTION <b>180</b> N Mini
LEAKAGE (pressurized only)	<b>NA</b>	CENTER CONTACT RETENTION
MECHANICAL DURABILITY	<b>500</b> Cycles	Axial force - mating end <b>NA</b> N Mini
WEIGHT	gr	Axial force - opposite end <b>NA</b> N Mini
SPECIFICATION		Torque <b>NA</b> cm.N Mini
		RECOMMENDED TORQUES
		Mating <b>100</b> cm.N
		Panel nut <b>NA</b> cm.N
		Clamp nut <b>NA</b> cm.N

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

ISSUE	CREATION DATE	FILE PART-NUMBER
<b>9843A00</b>	<b>25/02/1997</b>	<b>97-0400-421</b>



RAFFAELI

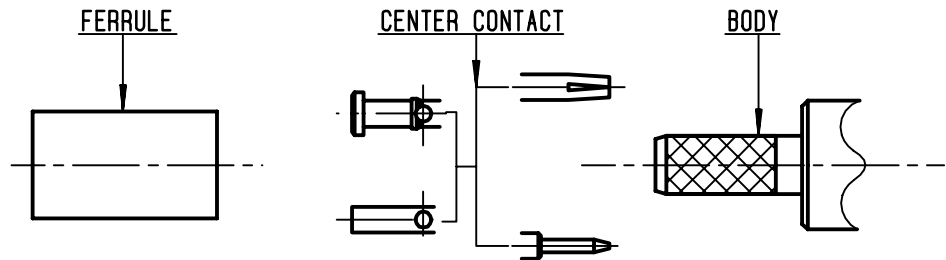
The information given here is subject to change without notice.  
Design changes may be in order to improve the product .

*Connect to the future*



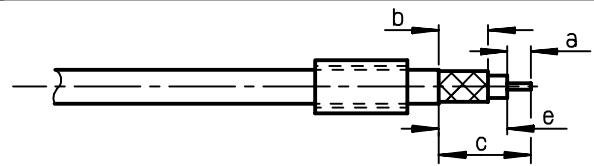
**R125.075.005**

ISSUE **9843A00** SERIES **SMA**



①

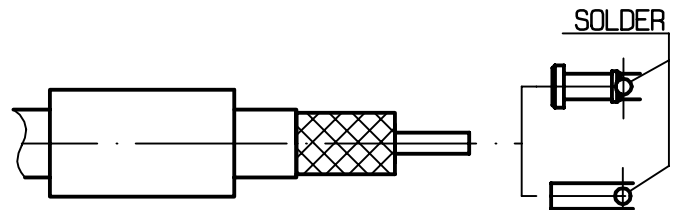
Slide the ferrule onto the cable .  
Strip the cable .  
-  
-



Stripping	a	b	c	d	e
inch	0.138	0.276	0.531	0	0.394
mm	3.5	7	13.5		10

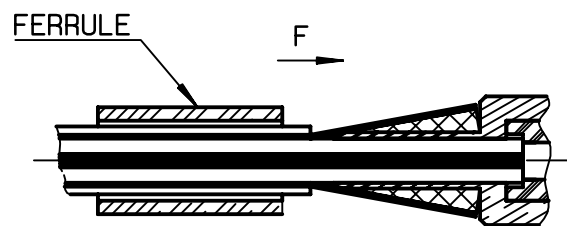
②

Slide center contact on until it bottoms against cable dielectric .  
Solder center contact .  
Clean soldered area .  
-  
-



③

Fan the braid .  
Slide cable into body until it bottoms against insulator .  
Slide ferrule over the braid .  
(In direction F)



④

Crimp the ferrule with crimping tool R 282 223 000 ( Hex. : 0.213 ) or crimping tool R 282 293 000 (M22520/5-01) and dies R 282 235 011 (M22520/5-11)  
Cut the excess of braid if necessary.  
-  
-  
-  
-

