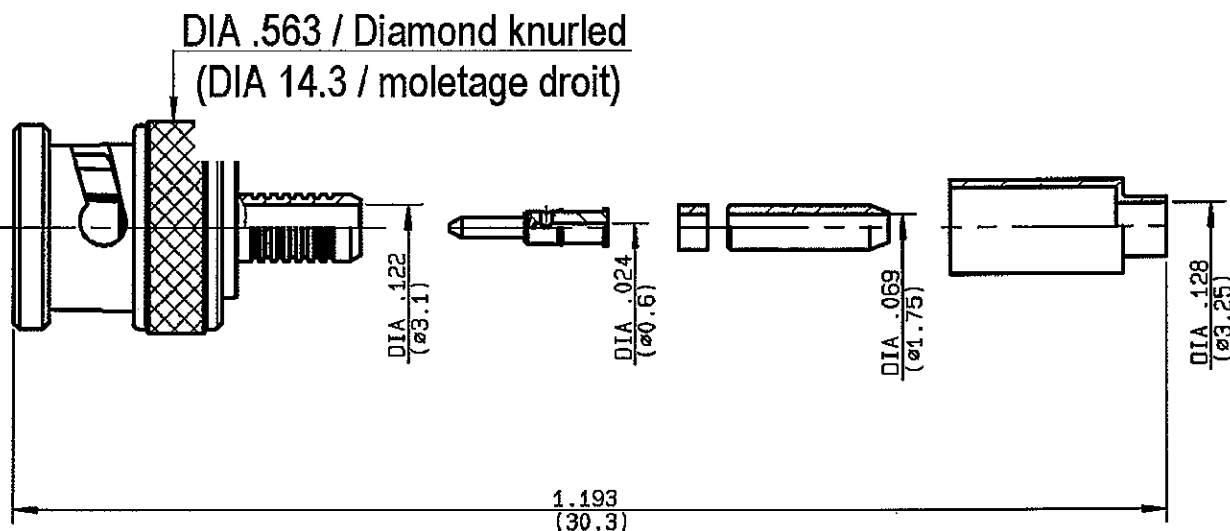


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NOMINAL IMPEDANCE	50	Ω	CABLES : KX 22A
FREQUENCY RANGE	0-4	GHz	R6 188
TEMPERATURE RATING	-65/+165	$^{\circ}\text{C}$	R6 316
V.S.W.R	1.2 +	0 x F{GHz}Maxi	
RF INSERTION LOSS	0.115	$\sqrt{F\{\text{GHz}\}}$ dB Maxi	
VOLTAGE RATING	335	Veff Maxi	
DIELECTRIC WITHSTANDING VOLTAGE	1000	Veff Mini	
INSULATION RESISTANCE	5000	M Ω Mini	OTHERS CHARACTERISTICS
HERMETIC SEAL	NA	Atm.cm ³ /s	CABLE RETENTION
LEAKAGE (pressurized only)	NA		40 N Mini
MECHANICAL DURABILITY	500	Cycles	CENTER CONTACT RETENTION
WEIGHT	10	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
			NA cm.N

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

ISSUE
0540 L00

CREATION DATE
04/04/1995

FILE PART-NUMBER



RADIAL[®]

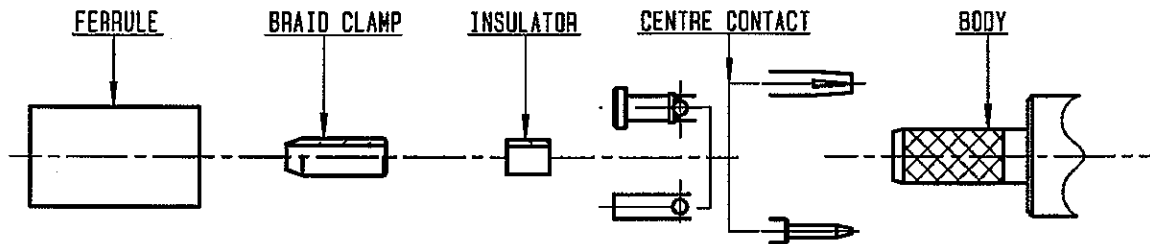
ILLMER

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

Connect to the future

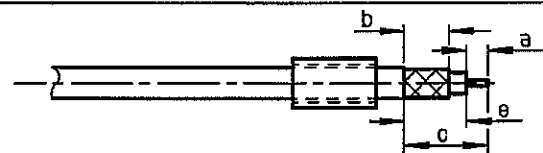


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①

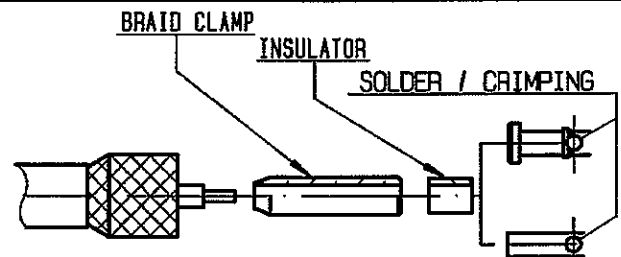
Slide onto the cable the ferrule
 Strip the cable .



Stripping	a	b	c	d	e
inch	0.157	0.394	0.728	0	0.571
mm	4	10	18.5		14.5

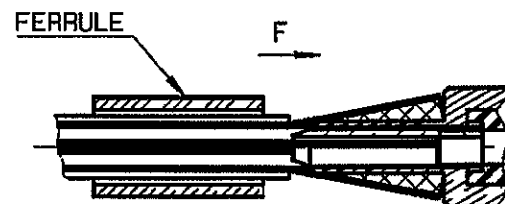
②

Fan the braid .
 Slide the braid clamp and insulator
 between the dielectrique and the braid .
 Slide on centre contact until it
 bottoms against cable dielectrique .
 Solder or crimp centre contact .
 Crimping tool : R282 223 000 (Hex. : .068)
 or crimping tool R282 293 000 (M22520/5-01)
 + dies R282 235 011 (M22520/5-11)



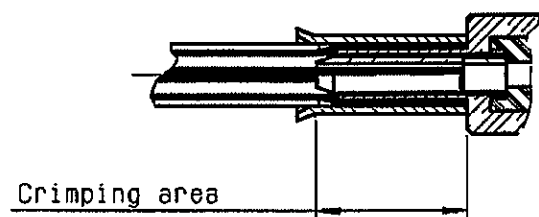
③

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



④

Crimp the ferrule with crimping tool
 R 282 223 000 (Hex. : .213) or
 crimping tool R282 293 000 (M22520/5-01)
 + dies R282 235 011 (M22520/5-11)
 Cut the excess of braid .



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