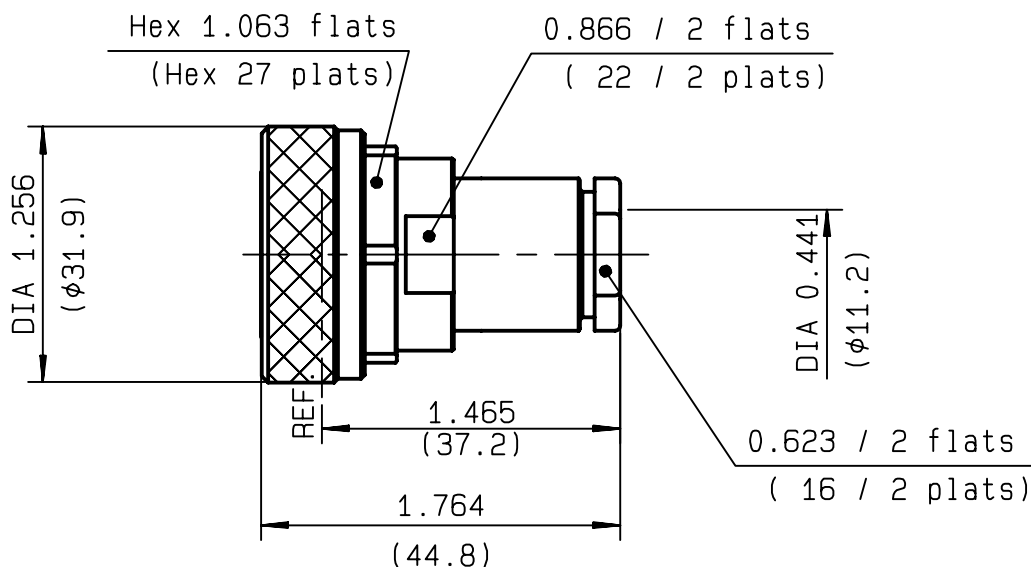


STRAIGHT PLUG CLAMP TYPE
CABLE 10 +11/50
R185.010.000
SERIES 7-16


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-7.5	GHz
TEMPERATURE RATING	-55/+155	°C
V.S.W.R	1.20 +	x F(GHz)Maxi
RF INSERTION LOSS	0.05	√F(GHz) dB Maxi
VOLTAGE RATING	1400	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	2700	Veff Mini
INSULATION RESISTANCE	10000	MΩMini
HERMETIC SEAL	NA	Atm.cm ³ /s
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	500	Cycles
WEIGHT	101.1	gr
SPECIFICATION		

CABLES : **KX 13**
KX 4
RG 213
RG 214
RG 225

OTHERS CHARACTERISTICS

ROS : 1.10 a 3 GHz

CABLE RETENTION	250	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	200	N Mini
Axial force - opposite end	200	N Mini
Torque	NA	cm.N Mini
RECOMMENDED TORQUES		
Mating	3000	cm.N
Panel nut	NA	cm.N
Clamp nut	800	cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given) in micrometers
BODY	BRASS	BBR 0.5 OVER SILVER 3	
OUTER CONTACT	BRASS	SILVER 5 OVER COPPER 0.5	
CENTER CONTACT	BRASS	SILVER 5 OVER COPPER 0.5	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	BRASS	BBR 2	

GAUTIER

ISSUE
0224F00
CREATION DATE
11/05/1994
FILE PART-NUMBER
EPC96-02

RADIALL®

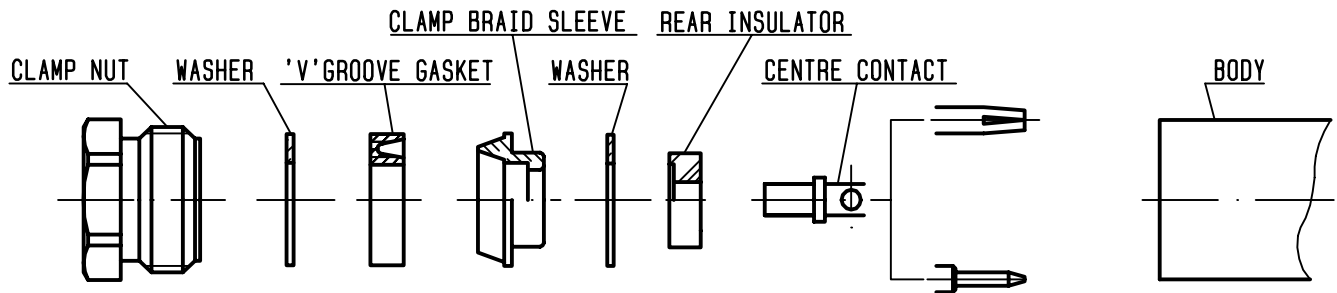
The information given here is subject to change without notice.
 Design changes may be in order to improve the product .

Connect to the future



R185.010.000

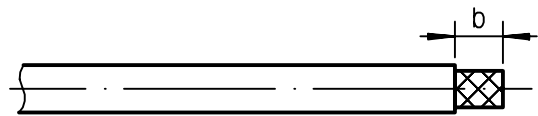
ISSUE **0224F00** SERIES **7-16**



①

Strip the cable .

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-
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-

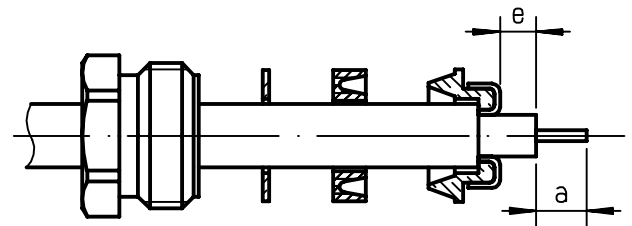


Stripping	a	b	c	d	e
inch	0.197	0.335	0	0	0.059
mm	5	8.5			1.5

②

Slide the clamp nut , the washer and the 'V' groove gasket onto the cable .
Slide clamp braid sleeve over braid .
Fold back braid and trim off surplus braid .
Trim back dielectric as shown .

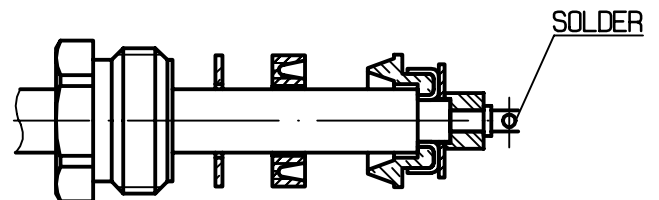
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③

Mount washer and rear insulator .
Solder the cable inner conductor into centre contact .

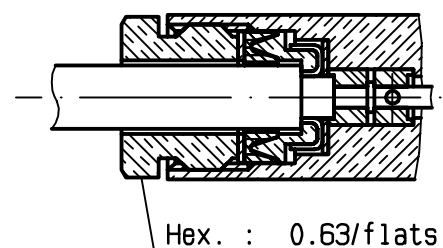
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④

Screw sub-assembly into the connector body .
(recommended coupling torque 70.87 in.lb)

-



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