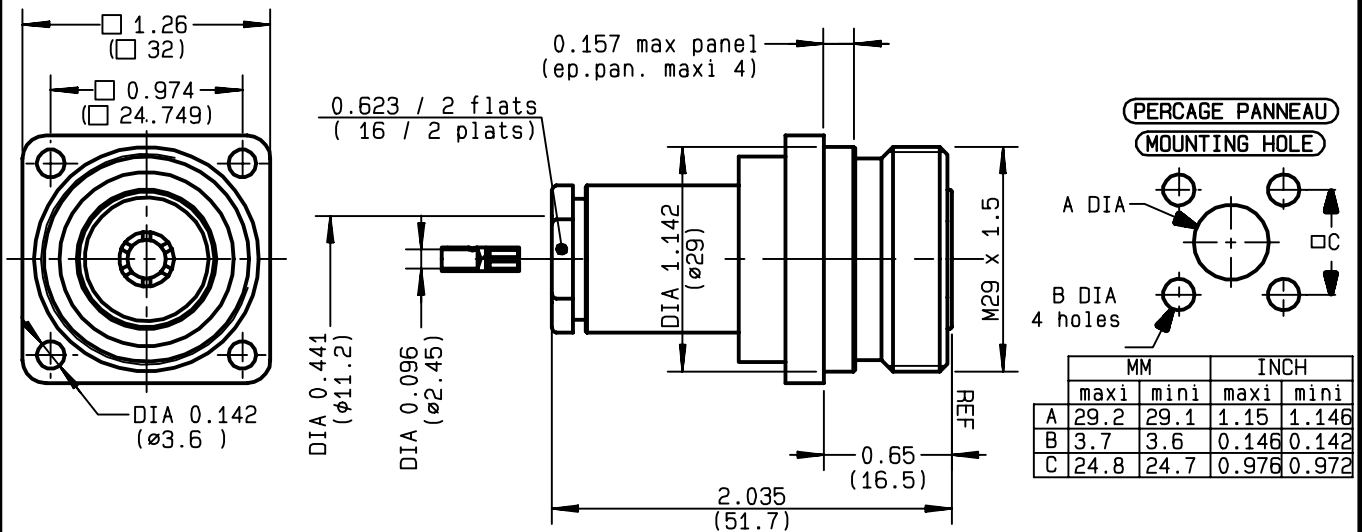


STRAIGHT SQUARE FLANGE JACK CLAMP TYPE
CABLE 10 + 11/50
R185.260.000
SERIES 7-16


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

CABLES : **KX 13**
KX 4
RG 213
RG 214
RG 225
RG 393

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	100	N Mini
Torque	NA	cm.N Mini
RECOMMENDED TORQUES		
Mating	NA	cm.N
Panel nut	NA	cm.N
Clamp nut	800	cm.N

CONNECTOR PARTS. MATERIALS

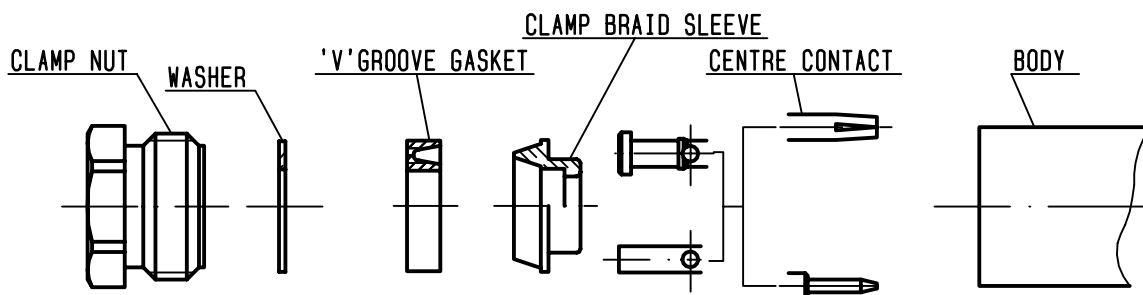
BODY	BRASS
OUTER CONTACT	BRASS
CENTER CONTACT	BERYLLIUM COPPER
INSULATOR	PTFE
GASKET	
OTHERS PIECES	BRASS

FINISH (all values are given in micrometers)

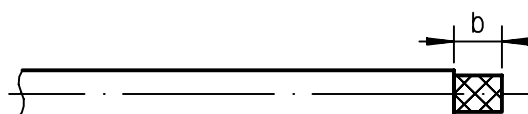
BBR 0.5 OVER SILVER 3
SILVER 5 OVER COPPER 0.5
SILVER 5 OVER COPPER 0.5
-
-
BBR 2

ISSUE	CREATION DATE	FILE PART-NUMBER
9944D00	18/05/1994	EPC96-02


RADIALL®

**R185.260.000**ISSUE **9944D00** SERIES**7-16****①**

Strip the cable .

-
-
-
-

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

②

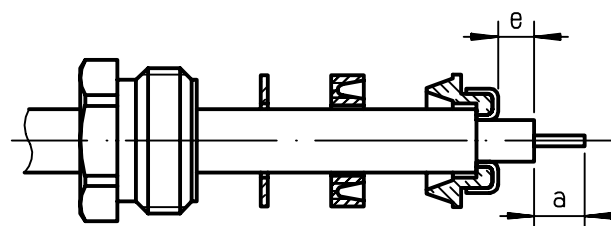
Slide the clamp nut and the 'V' groove gasket onto the cable .

Slide clamp braid sleeve over braid .

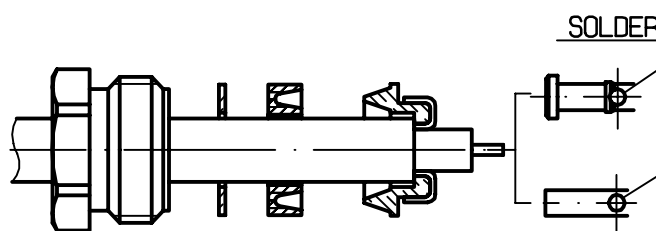
Fold back braid and trim off surplus braid .

Trim back dielectric as shown .

-

**③**

Solder the cable inner conductor into centre contact .

-
-
-
-
-
-**④**

Screw sub-assembly into the connector body .

(recommended coupling torque 70.87 in.lb)

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