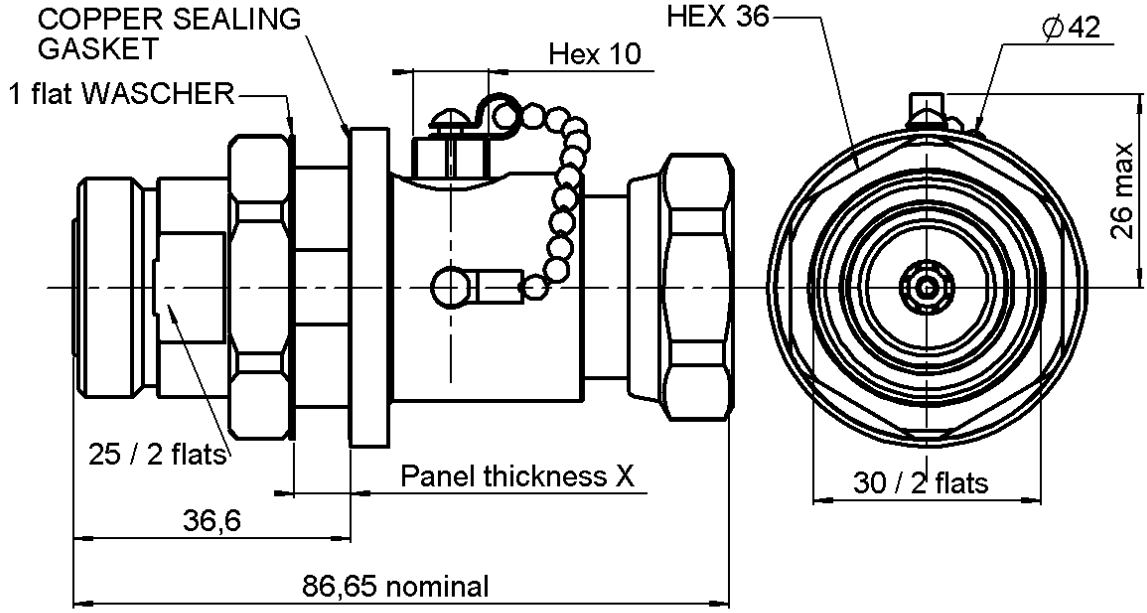
GAS DISCHARGE TUBE DC-2.5 GHZ

BULKHEAD 7-16F TO 7-16 M WITH CHAIN

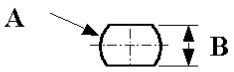
R445.G02.101

Series : **GDT**

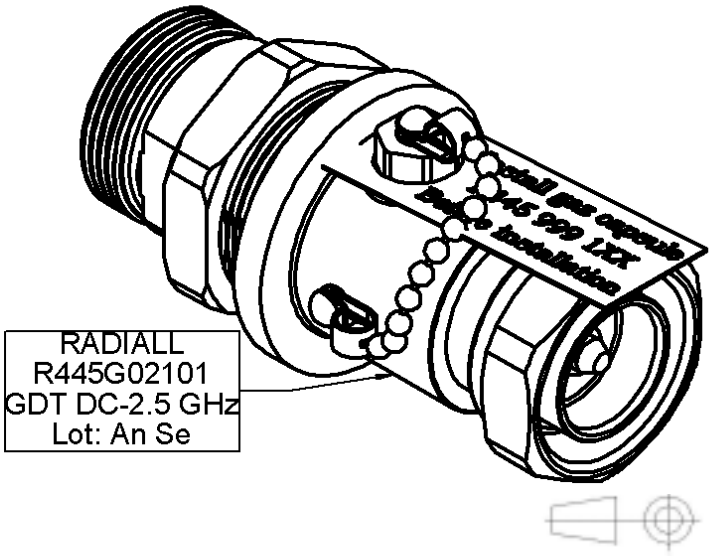


X: mini = 1.5
maxi = 6

PANEL CUT OUT



	mm	
	Maxi	**mini**
A	**32.4**	**32.2**
B	**30.5**	**30.3**



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	**BRASS**	**BBR 0.5 OVER SILVER 3**
CENTER CONTACT	**BERYLLIUM COPPER,BRASS**	**BBR 0.5 OVER SILVER 3**
OUTER CONTACT	**BRASS**	**BBR 0.5 OVER SILVER 5**
INSULATOR	**PTFE**	
GASKET	**COPPER**	
OTHERS PARTS	**BRASS**	**BBR 2**
-	-	-
-	-	-

Issue : 0339 A

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

RADIALL®

GAS DISCHARGE TUBE DC-2.5 GHZ

BULKHEAD 7-16F TO 7-16 M WITH CHAIN

R445.G02.101

Series : **GDT**

PACKAGING

Standard	Unit	Other
1	**-**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance			**50**	Ω
First frequency band	**0**	to	**2500**	MHz
VSWR			**1.2**	Maxi
Insertion loss			**0.2**	dB Maxi
Second frequency band	**NA**	to	**NA**	MHz
VSWR			**NA**	Maxi
Insertion loss			**NA**	dB Maxi
RF leakage		- (	**100**	- F(GHz)) dB Maxi
Residual Voltage	**350**	V at	**2.5**	kA (8/20µs test pulse waveform)
Intermodulation			**NA**	dBm (2x20W)

MECHANICAL CHARACTERISTICS

Protected connector **7-16 - FEMALE**
Unprotected connector **7-16 - MALE**

Center contact retention		
Axial force – Mating end	**200**	N mini
Axial force – Opposite end	**100**	N mini
Torque	**NA**	N.cm mini
Recommended torque		
Mating (protected)	**NA**	N.cm
Mating (unprotected)	**3500**	N.cm
Panel nut	**3500**	N.cm
Clamp nut	**NA**	N.cm
A/F clamp nut	**0.000**	mm
Mating life	**500**	Cycles mini
Weight	**428.799**	g

ENVIRONMENTAL

Operating temperature	**-40/+80**	° C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**IP67**	

SPECIFICATION

SURGE ARRESTER CAPSULE
(Not supplied)

Form **BUTTON METAL-CERAMIC DIA8x6**
Radiall part number : **SEE TDS R4459991****
Recommended torque for nut **600** N.cm

OTHERS CHARACTERISTICS

measured with R445.999.103 arrester

Issue : 0339 A

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