



MOLEX-TEAN RF/MICROWAVE CO.,LTD

江苏莫仕天安连接器有限公司

Zhenjiang Community-Run,Economical Development Zone,Jiangsu, China-212021
中国江苏省镇江市润州区民营开发区

PN:731360060:

“GAS DISCHARGE TUBE”(GDT) Surge Arrester, NM-NF,
DC-2500MHz [TA2.908.078A, BLQ(D)-N-JK0025-02]

Specification

Summary:

BLQ(D)- N-JK0025-02 arrester protects antenna by “gas discharge tube” (GDT) technology
It is in accordance with IEC60169-16: 1982
It is in accordance with IEC61643-21
connecting screw thread type: 5/8-24UNEF-2A/2B
compliant with RoHS

Electrical Characteristics:

Impedance (Ω)	50	
Frequency range (MHz)	DC~2500	
VSWR	≤1.20	
Insertion loss (dB)	≤0.25	
Max. peak power(W)	200	
Max. discharge current(kA@8/20μ S wave)	10	
Norminal DC spark-over voltage(v@100v/s)	90	
Maximum impulse spark-over voltage(v@1kV/μ s)	600	
Contact resistance (mΩ)	Inner conductor	≤1
	Outer conductor	≤0.25

Note: When results tested by different testing instruments are different, the Agilent calibration devise should be adopted as criterion.

Mechanical

Center conductor withdrawal force	N/A
Durability	500 Times

Working environment:

Working temperature : -40~+85°C
Relative moisture : less than 95% (Temperature: 40°C ±2°C)

Material and plating:

Name of part	Material	Plating	Thickness of plating
Body	Brass (HPb59-1)	Alloy plating	2~3μ
Contact(pin, stub)	Brass (HPb59-1)	Silver plating	2~3μ



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Contact(socket)	phosphor bronze(Qsn6.5-0.1)	Silver plating	2~3μ
Connecting Nut/Other	Brass (HPb59-1)	Nickel plating	2~3μ
Gasket	Rubber		
Insulator	PTEF (SFX-1-1)		

Note: The thickness of plating can be regulated according to clients.

Overall dimensions:

