



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:731360000

Quarter-wave Surge Arrester, 7/16M-7/16F, 800-2500MHz

[TA2.908.061H, BLQ(1/4)-7/16-JK0825]

Specification

Summary:

- BLQ(1/4)-7/16-JK0825 arrester protects antenna by “quarter-wave” technology
- It is in accordance with IEC60169-4: 1975
- It is in accordance with IEC61643-21
- connecting screw thread type: M29x1.5
- compliant with RoHS

Electrical Characteristics:

Impedance (Ω)	50	
Frequency range (MHz)	800~2500	
VSWR	≤1.20	
Insertion loss (dB)	≤0.1	
Max. peak power(W)	2000	
Max. discharge current(kA@8/20μ S wave)	20	
Residual voltage(v@1kV/μ s)	15	
Contact resistance (mΩ)	Inner conductor	≤0.4
	Outer conductor	≤0.2

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



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Insulator	PTEF (SFX-1-1)		
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Note: The thickness of plating can be regulated according to clients.

Overall dimensions:

