江苏东晨
Dongchen Electronics

Surge arrester

3-Electrode arrester

Series/Type: **DG3R090L**

Customer:

Version/Date: **Issue 01/2014-8-5**

江苏东晨
Dongchen Electronics

Surge arrester

3-Electrode arrester **DG3R090L**

Features	Applications
● Extremely small size	● **Splitter**
● Extremely fast response time	● **PCI Cards**
● Stable performance over life	● **Morden**
● Very low capacitance	● Line Cards
● High insulation resistance	
● RoHS-compatible	
● UL Certicfication :E311500	

Electrical specifications

DC breakdown voltage [1)2)]		90 ±20	V %
Impulse breakdown voltage at 1kv/us	Typical values of distribution	≤600	V
Service life 10 operations 10 operations	 8/20us [3)] 50Hz,1S [3)]	 10 10	 KA A
Insulation resistance at DC 50V		≥1	GΩ
Capacitance at 1MHz		≤1.5	pF
Storage and operations temperature		-40…+90	°C
Climatic category（IEC60068-1)		40/90/21	
Marking,Blue positive		**DG3R090L**	

www.jsdgme.com

Surge arrester

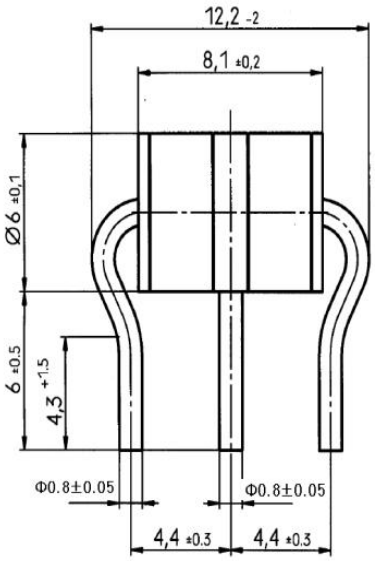
3-Electrode arrester **DG3R090L**

1)Sampling size in accordance to AQL0.65 II

2) Tests according to ITU-T Rec. K. 12 and IEC61643-311 or GB/T 9043

3) Total current through center electrode

Dimensions



Cautions and warnings

- Surge arresters must not be operated directly in power supply networks,whose maximum operating voltage exceeds the minimum spark-over voltage of the surge arresters.
- Surge arresters may become hot in case of longer periods of current stress (danger of burning).
- If the contacts of the surge arrester are defective, current stress can lead to the formation of sparks and louc
- Surge arresters may be used only within their specified values. In case of overload, the head contacts may fail or the component may be destroyed.
- Damaged surge arresters must not be re-used.