

**Data Sheet**

**SURGE ARRESTER**

**MODEL 2301-08-C**

120 Vac or 24 Vdc

- Application - Lightning and general purpose surge protection for power circuits on aircraft and ground support equipment. High strength Be-Cu housing for extreme vibration environments

- Application References  
 NSN 5920-01-350-1256  
 Cage 76301 / ST5M1328-002;  
 Cage 26512 / NGA817L1

- Nominal System Voltage Rating
- Maximum Continuous Operating Voltage
- Source Impedance
- System Frequency Rating
- DC Sparkover 100 V/s
- Insulation Resistance 50 Vdc
- Capacitance 1 kHz
- Impulse Sparkover
  - 10 V/ $\mu$ s
  - 100 V/ $\mu$ s
  - 1 kV/ $\mu$ s
  - 10 kV/ $\mu$ s
- Discharge Voltage
  - 1.5 kA, 8/20  $\mu$ s
  - 3 kA, 8/20  $\mu$ s
  - 5 kA, 8/20  $\mu$ s
  - 15 kA, 8/20  $\mu$ s
- Surge Life 3 kA, 8/20  $\mu$ s
- Operating Temperature
- Operating Altitude
- Weight
- Symbol 



120 Vac	24 Vdc
132 Vac	28 Vdc
<50 kVA	unlimited
	DC - 400 Hz
	350 - 450 V
	>10 <sup>9</sup> $\Omega$
	<12 pF
	<500 V
	<650 V
	<750 V
	<1000 V
	<500 V
	<1000 V
	<1800 V
	<5000 V
	>100 times
	-55 to +70 C
	<25,000 m
	75 g

