

Technical Data

SURGE ARRESTER
MODEL 2301-08-B AND 2301-08-C
 120 Vac or 24 Vdc



- Application - Lightning and general purpose surge protection for power circuits on aircraft and ground support equipment.
- Application References
 2301-08-B Replaces Model 2301-08 in older applications other than F-15
 Cage 80063 / A3145328
 2301-08-C NSN 5920-01-350-1256
 Cage 76301 / ST5M1328-002; Cage 26512 / NGA817L
 2301-08-C has a high strength Be-Cu housing for extreme vibration environments

• Nominal System Voltage Rating		120 Vac	24 Vdc
• Maximum Continuous Operating Voltage		132 Vac	28 Vdc
• Source Impedance		<50 kVA	unlimited
• System Frequency Rating			DC - 400 Hz
• DC Sparkover	100 V/s		350 - 450 V
• Insulation Resistance	50 Vdc		>10 ⁹ Ω
• Capacitance	1 kHz		<12 pF
• Impulse Sparkover	10 V/μs		<500 V
	100 V/μs		<650 V
	1 kV/μs		<750 V
	10 kV/μs		<1000 V
• Discharge Voltage	1.5 kA, 8/20 μs		<500 V
	3 kA, 8/20 μs		<1000 V
	5 kA, 8/20 μs		<1800 V
	15 kA, 8/20 μs		<5000 V
• Surge Life	3 kA, 8/20 μs		>100 times
• Operating Temperature			-55 to +70 C
• Operating Altitude			<25,000 m
• Weight			75 g

