

Data Sheet

AIRCRAFT ANTENNA LIGHTNING ARRESTER
PART NO. 1931-03
(SUPERSEDES P/N AD1211, 1931-01)

Controlling Specifications

Rockwell 217-1056-010

Boeing 10-2701-1

MIL-A-9094C

5920-00-677-9869

National Stock Number (NSN)

Mil Part Number

M9094/7-001

Spark Gap Voltage, 2 MHz

18.0 ±2.0 kVpk

Insulation Withstand at Max Altitude

20.3 kVpk

Maximum Altitude

60,000 feet

Frequency Range

2 - 36 MHz

Maximum RF Current, 2 MHz

20 A rms

Minimum Series Capacitance

2.2 nF

Capacitor Withstand Voltage

28 kVdc

Maximum Shunt Capacitance

20.5 pF

Series Bleed Resistance

1.5 MΩ

Resistance Tolerance, factory new
 in use

±15%

±20%

Lightning Stroke Discharge Capacity

12 Strokes (MIL-A-9094C)

Maximum Weight

6.0 lbs

Temperature Range, operating

-62 to +71C

Arrester Schematic

