

**Technical Data**

# AIRCRAFT ANTENNA LIGHTNING ARRESTER PART NO. 1907-02

Controlling Specifications	MIL-A-9094C
National Stock Number (NSN)	5920-01-473-0549
Spark Gap Voltage, 2 MHz	6.5 ±.5 kVpk
Insulation Withstand at Max Altitude	14.0 kVpk
Maximum Altitude	50,000 feet
Frequency Range	2 - 40 MHz
Maximum RF Current, 2 MHz	20 A rms
Minimum Series Capacitance	2.2 nF
Capacitor Withstand Voltage	28 kVdc
Maximum Shunt Capacitance	20 pF
Series Bleed Resistance	1.5 MΩ
Resistance Tolerance, factory new	±20%
Resistance Tolerance, in use	±25%
Lightning Stroke Discharge Capacity	12 Strokes (MIL-A-9094C)
Maximum Weight	4.6 lbs
Temperature Range, operate & store	-62 to +71C



Arrester Schematic

