

Datasheet

RS Pro Aluminium Electrolytic Capacitor 470nF 50 V dc 6mm Through Hole series RS lifetime 1000h

RS Stock No: **707-6231**



Product Details

RS Pro aluminium electrolytic capacitor measuring 6 x 13 mm has a capacitance of 470 nF. This 50 V dc rated axial capacitor includes through hole terminal for easy installation. It offers a lifetime of up to 1000 hours.

Features and Benefits

- Axial capacitor
- Safety vent construction design
- Applications include communication equipment and switching power supply

Specifications:

Construction	Axial
Dielectric Material Family	Aluminium Electrolytic
Mounting Type	Through Hole
Polarised	Polar
Technology	Electrolytic
Terminal Type	Through Hole
Capacitance	470 nF
Diameter	6 mm
Dimensions	6 (dia.) x 13 mm
Dissipation Factor	10%
Lead Diameter	0.6 mm
Length	13 mm
Lifetime	1000 h
Maximum Operating Temperature	+105°C
Minimum Operating Temperature	-40°C
Ripple Current	8 mA
Tolerance	±20%
Tolerance (Minus)	-20%
Tolerance (Plus)	+20%
Leakage Current	≤0.02 CV or 3 µA at 5 min
Voltage	50 V dc
Standards Met	IEC 60384-4