

Datasheet

**RS Pro Polystyrene Capacitor 47pF 160 V dc  $\pm 2.5\%$  tolerance Axial Through Hole 4mm diameter**

RS Stock No: **113-241**



## Product Details

RS Pro polystyrene capacitor measuring 4 x 8 mm has a capacitance of 47 pF. This 160 V dc rated axial capacitor offers a tolerance of  $\pm 2.5\%$ . It has through hole terminal for easy installation.

## Features and Benefits

- High insulation resistance
- Outer foil connection indicated by coloured end
- Maximum operating temperature lower than for polyester and polycarbonate types
- Physically smaller than mica types

**Specifications:**

Application	Analogue Computing Circuit, Digital Computing Circuit, I.F. Transformer, Pulse Network, Timing, Tuned Circuit
Construction	Axial
Dielectric	PS
Mounting Type	Through Hole
Terminal Type	Through Hole
Capacitance	47 pF
Diameter	4 mm
Dimensions	4 (dia.) x 8 mm
Lead Diameter	0.3 mm
Length	8 mm
Maximum Operating Temperature	+85°C
Minimum Operating Temperature	-40°C
Tolerance	±2.5%
Tolerance (Minus)	-2.5%
Tolerance (Plus)	+2.5%
Voltage	160 V dc
Insulation Resistance (After Humidity Cycle)	>50000 MΩ
Insulation Resistance (Dry)	>106 MΩ
Power Factor	<0.0005
Temperature Coefficient	150±50 ppm/°C