

## Datasheet

### **RS Pro Polystyrene Capacitor 6800pF 160 V dc $\pm 2.5\%$ tolerance Axial Through Hole 9.5mm diameter**

RS Stock No: **113-386**



## Product Details

RS Pro polystyrene capacitor measuring 9.5 x 15 mm has a capacitance of 6800 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	6.8 nF
Diameter	9.5 mm
Dimensions	9.5 (dia.) x 15 mm
Lead Diameter	0.6 mm
Length	15 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