

HITECH ELECTROCOMPONENTS PVT LTD

Manufacturers of : CAPACITORS & ANCILLARIES

RIS - Auto Noise Suppressor Capacitor

Description

Function	: Auto Noise Suppressor
TYPE	: RIS Series
Casing	: Axial or Plastic Case (with Earthing terminal)
Terminal	: Ring Terminal or plain wire or axial tinned copper leads
Cable	: Standard tinned copper multistrand PVC insulated 90mm long Black (2.5mm dia) wire ; or tinned copper lead wires
Sealing	: Epoxy topping
Marking	: El-Ci-Ar Logo (or Borger Logo) , Capacitance Value, Voltage, Tolerance

Technical Features

Capacitance Value	: 0.1uF to 10uF within 10% tolerance
Voltage	: 100VDC, 250VDC, 400VDC
Dielctric Used	: Polyester Film
Electrode Used	: Vacuum Deposited Aluminium
Construction Used	: Non Inductive
Dissipation Factor	: Not more than 0.007 (avg value between 0.003 to 0.005)
DC Test Voltage	: 1.6 x Vr for 2 seconds between terminals
Insulation Resistance	: Minimum 25,000 M Ω at 100V for 1 minute at 25°C
Temperature Range	: -40 °C to 100 °C

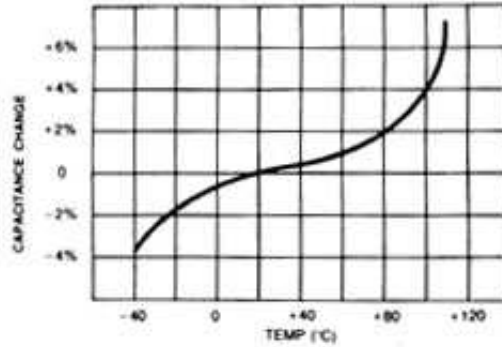
Usage

RIS Metallized Film capacitors have small size and are built for durability in strenuous auto electrical applications. They possess great self healing capabilities and RIS metallized polyester capacitors are made to customers requirements in different constructional designs. From simple axial lead wire (wrap and fill type) meant for general purpose applications to specially designed earthed terminals plus flexible leads (with or with out lugs) typical of use as noise suppressor in auto electricals

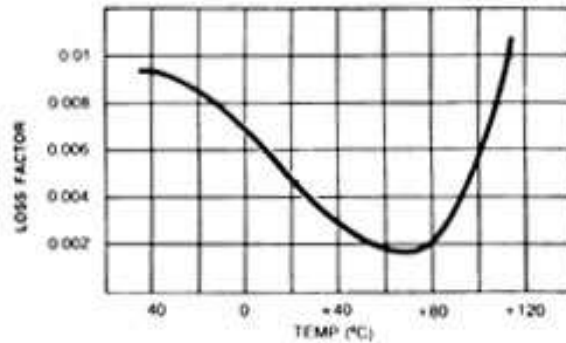


Temperature Characteristic Curves

CURVE 1 : CAPACITANCE CHANGE VS TEMPERATURE



CURVE 2 : LOSS FACTOR (TAN δ) VS TEMPERATURE



CURVE 3 : INSULATION RESISTANCE VS TEMPERATURE

