

不燃性角形巻線固定抵抗器

Non Flammable Square Wire-Wound
Fixed Resistor

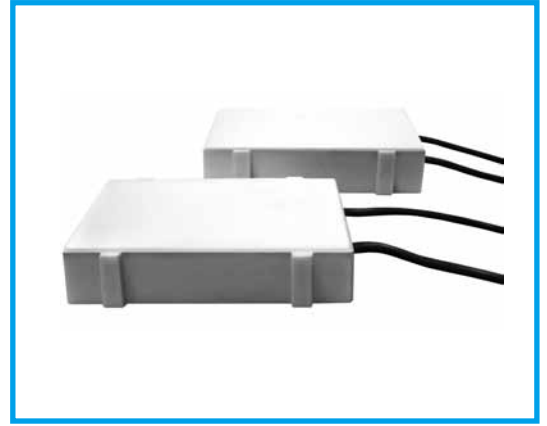
SQL40W

■リードタイプ

■lead type

■RoHS対応品

■RoHS Complied



■電氣的、機械的的特性 Electrical and mechanical characteristics

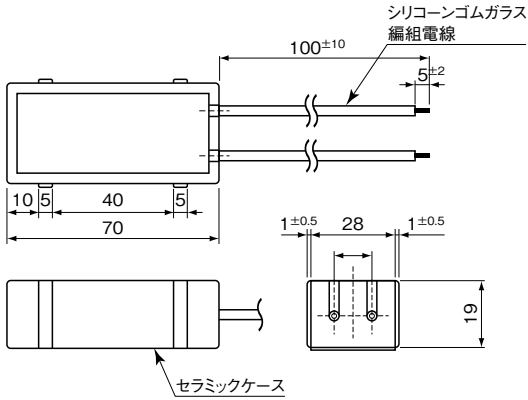
特性 Characteristics	規格値 Standards	試験方法 Test methods
抵抗値と抵抗値許容差 Resistance and Resistance tolerance	抵抗値許容差 Resistance tolerance 1Ω≤R ±5% (J) 1Ω≤R ±10% (K)	
抵抗温度特性 Temperature coefficient	±400ppm/°C max.	
定格負荷 Power rating load	△R/R≤± (1%+0.05Ω) 表面温度上昇 (temperature) 315°C max.	
短時間過負荷 Short-time overload	アーク焼損等の異常なきこと no evidence of arc damage etc. △R/R≤± (2%+0.05Ω)	10倍 5秒間負荷 1000% rated power 5 seconds
絶縁抵抗 Insulation resistance	20MΩ min.	DC500V
耐電圧 Dielectric withstanding voltage	機械的損傷及び絶縁破壊なきこと no evidence of mechanical damage or insulation breakdown	AC1500V 1 minute
端子強度 Terminal strength	機械的損傷なきこと no evidence of mechanical damage	引張り強さ(Pull Test) 0.98Nm
抵抗体強度 Resistor strength	機械的損傷なきこと no evidence of mechanical damage	98N 10seconds
耐振性 Vibration	機械的損傷なきこと no evidence of mechanical damage	1.5mm 10~55Hz/1 minute X, Y 2 hours

■耐候的的特性 Environmental characteristics

特性 Characteristics	規格値 Standards	試験方法 Test methods
耐熱性 Heat resistance	標印、絶縁被覆に著しい損傷なきこと no deterioration of protective coatings or markings	350 2 hours
熱衝撃 Thermal shock	機械的損傷なきこと no evidence of mechanical damage △R/R≤± (2%+0.05Ω)	定格負荷30分間 → -40°C 15分間 power rating load 30 minutes → -40°C 15 minutes
耐湿性(定常状態) Humidity (Steady state)	標印、絶縁被覆に異常なきこと no deterioration of protective coatings or markings △R/R≤± (3%+0.05Ω) 絶縁抵抗 (Insulation resistance) 2.5MΩ min.	成極DC100V 40°C 95%RH 500 hours
耐久性(耐湿負荷) Durability (Moisture resistance)	標印、絶縁被覆に異常なきこと no deterioration of protective coatings or markings △R/R≤± (3%+0.05Ω)	10%負荷 rated power load 90 minutes ON 30 minutes OFF 40°C 95%RH 500 hours
耐久性(定格負荷) Durability (Nominal load)	標印、絶縁被覆に異常なきこと no deterioration of protective coatings or markings △R/R≤± (5%+0.05Ω)	100%負荷 rated power load 90 minutes ON 30 minutes OFF 500 hours
難燃性(過負荷) Flame resistance (Over load)	燃焼しないこと no evidence of flaming or arcing	定格電力の1~6倍 100~600% rated power load

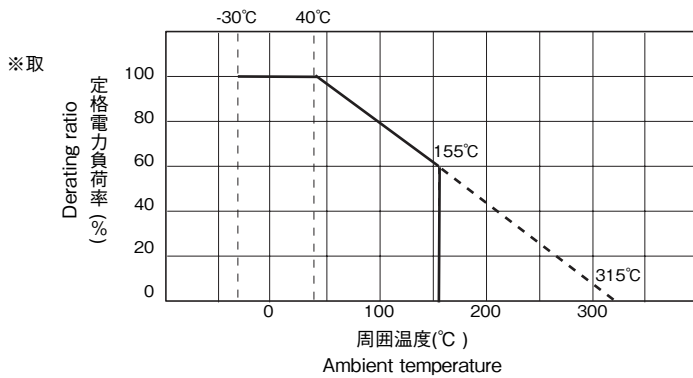
■規格 Standards

●形状・寸法 Configuration (mm)

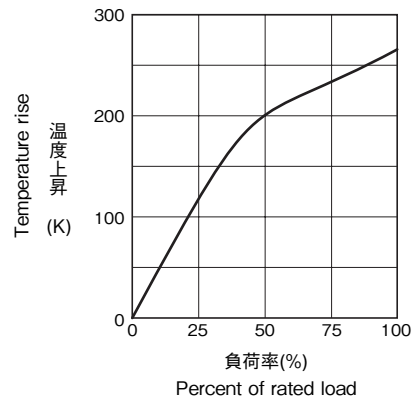


形状 Type	定格電力(W) Power Rating	抵抗値範囲(Ω) Resistance range
SQL40W	40	0.36~1.6K(E24系)

●定格電力軽減曲線 Power Derating Curve



●表面温度上昇 Temperature Rise



■受注生産品 Products by order

■最低ロット 200 個 minimum lot 200pcs

■品番コード Explanation of Part Number

