



## 605QPC250KB8#

MOTOR RUN/AC

Parts are RoHS compliant

### ELECTRICAL SPECIFICATIONS

**Capacitance:** 6 uF

**Dissipation Factor:** 0.01 Max at 1000 Hz and 25°C

**Temperature Coefficient:** 400 PPM/°C: -200 PPM/°C, 200 PPM/°C

**Ripple Current:** at and

**ESR:** - at - and -

**Self Inductance:** Nanohenries maximum per mm of body length and lead length  
**dvdt:** V/μs

**Tolerance:** -10 % , +10 %

**Temperature Range:** -25°C to +85°C

Above 85°C the rated (DC/AC) voltage must be derated at per N/A°C

**WVDC:** 0 Volts DC

**SVDC:** N/A Volts DC

**VAC:** 250 VAC at 70°C

200 VAC at 85°C

**Terminal to Terminal Dielectric strength:** 1.75 times the rated AC voltage when applied between the terminals for 60 seconds

**Terminal to case Dielectric strength:** 2000 VAC when applied between the terminals and case for 60 seconds

**Insulation Resistance (Terminal to Terminal):** 1000 MINIMUM after 100 Volts DC is applied for 60 seconds at 20°C

**Insulation resistance (Terminal to Case):** 2000 Megohms MINIMUM after 100 Volts DC is applied for 60 seconds at 20°C

**Reliability: Load Life:** 5000 hours at N/A with 0% of rated voltage

**Capacitance Change:** 0 of initially measured value

**D.F. Change:** 0 of maximum specified value

**I.R. Change:** 0 of minimum specified value

### PHYSICAL DIMENSIONS

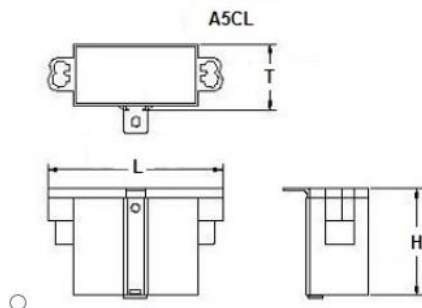
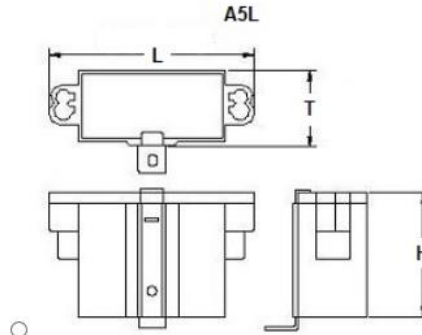
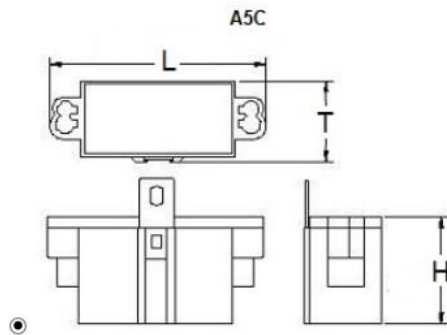
**Length (L):** 53 mm, 1 mm

**Height (H):** 30 mm, +/-0.5 mm

**Thickness (T):** 22 mm, +/-1 mm

**Lead Finish:** Matte Tin

CHOOSE LEAD STYLE



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