

# PART NUMBER: 405QPC250KA3#

MOTOR RUN/AC  
Parts are RoHS compliant

## ELECTRICAL SPECIFICATIONS

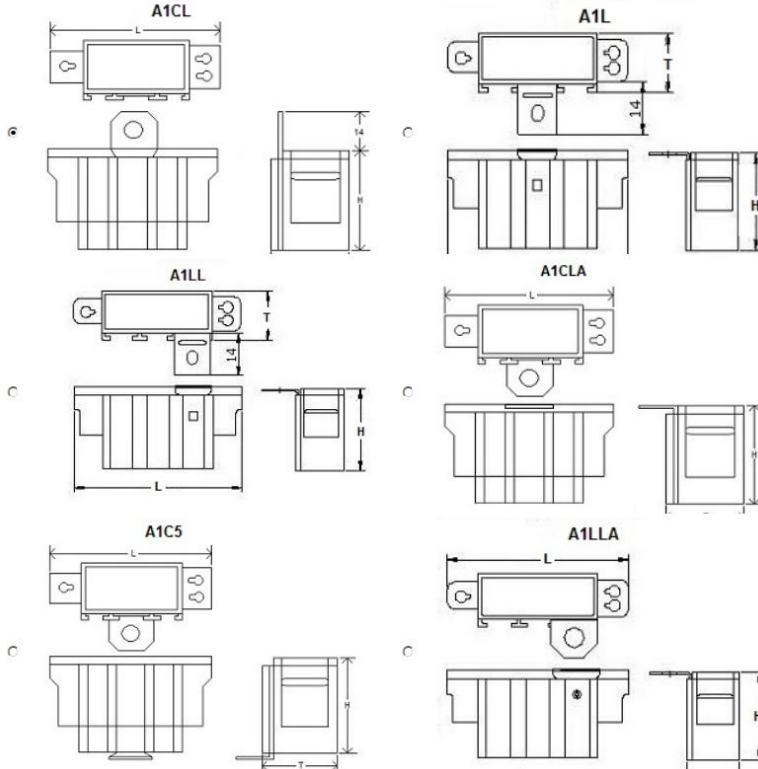
**Capacitance:** 4  $\mu$ F  
**Dissipation Factor:** 0.01 Max at 1000 Hz and 25°C  
**Temperature Coefficient:** 400 PPM/°C: -200 PPM/°C, 200 PPM/°C  
**Ripple Current:** 0 at 0 and 0  
**ESR:** - at - and -  
**Self Inductance:** Nanohenries maximum per mm of body length and lead length  
**dvdt:** V/ $\mu$ s  
**Terminal to Terminal Dielectric strength:** 1.75 times the rated AC voltage when applied between the terminals for 60 seconds  
**Insulation Resistance (Terminal to Terminal):** 1000 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

**Tolerance:** -10 % , +10 %  
**Temperature Range:** -25°C to +85°C  
Above 85°C the rated (DC/AC) voltage must be derated at per  
**WVDC:** 0 Volts DC  
**SVDC:** N/A Volts DC  
**VAC:** 250 VAC at 70°C  
200 VAC at 85°C  
**Terminal to case Dielectric strength:** 2000 VAC when app the terminals and case for 60 seconds  
**Insulation resistance (Terminal to Case):** 2000 Megohms after 100 Volts DC is applied for 60 seconds at 20°C

## PHYSICAL DIMENSIONS

**Length (L):** 46 mm, 1 mm  
**Height (H):** 24 mm, +/-0.5 mm  
**Thickness (T):** 13 mm, +/-1 mm  
**Lead Finish:** Matte Tin

### Choose Lead Style



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