



# 254HC2800K2SM6

Conduction Cooled (High Density Resonant)

Parts are RoHS compliant

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## ELECTRICAL SPECIFICATIONS

Capacitance: 0.25 uF

AC Current: 300 A

ESR: 0.9 milliOhms at 100 kHz and 20°C

Self Inductance: 3 Nanohenries maximum

Tolerance: -10 %, +10 %

Temperature Range: -40°C to +85°C

Maximum Core Temperature: 85°C

Resonant Frequency: 199-286 kHz

Maximum power (KVAR): 200

VAC: 800 Volts AC

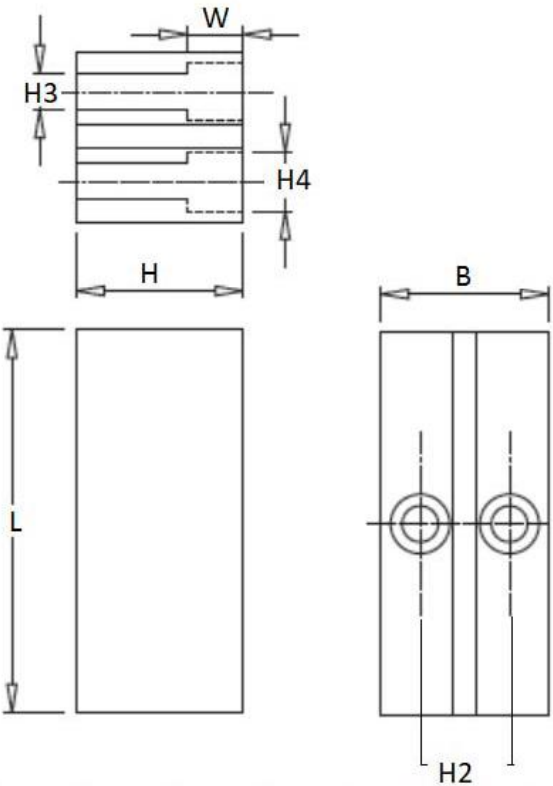
## PHYSICAL DIMENSIONS

Length (L): 68 mm, 0.5 mm

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

Thickness (B): 30.2 mm, +/-0.1 mm

### TERMINAL STYLE: 2SM6



| L                           | H      | B        | H2 | H3  | H4   | W  |
|-----------------------------|--------|----------|----|-----|------|----|
| 68±0.5                      | 30±0.5 | 30.2±0.1 | 16 | 6.5 | 10.5 | 10 |
| Tightening torque: 15Nm MAX |        |          |    |     |      |    |



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