



## 664HC6800K4TM6

Conduction Cooled (High Density Resonant)

Parts are RoHS compliant

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### ELECTRICAL SPECIFICATIONS

Capacitance: 0.66  $\mu$ F

AC Current: 700 A

ESR: 0.8 milliOhms at 100 kHz and 20°C

Self Inductance: 5 Nanohenries maximum

Tolerance: -10 %, +10 %

Temperature Range: -40°C to +85°C

Maximum Core Temperature: 85°C

Resonant Frequency: 226 kHz

Maximum power (KVAR): 600

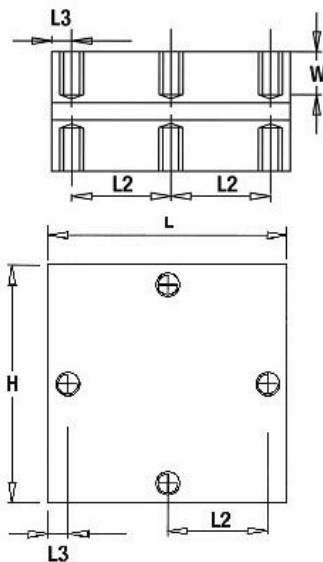
VAC: 800 Volts AC

### PHYSICAL DIMENSIONS

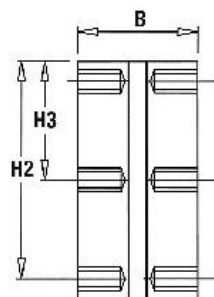
Length (L): 60 mm, 0.5 mm

Height (H): 60 mm, +/-0.1 mm

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



LEAD STYLE: 4TM6



| L                                                | H      | B        | H2 | H3 | L2 | L3 | W      |
|--------------------------------------------------|--------|----------|----|----|----|----|--------|
| 60±0.5                                           | 60±0.5 | 30.2±0.1 | 55 | 30 | 25 | 55 | 10±0.5 |
| Mounting holes: M6x1 tap filled with SS helicoil |        |          |    |    |    |    |        |
| Tightening torque: 15Nm MAX                      |        |          |    |    |    |    |        |



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