



## 105HC3600K2EM8

Conduction Cooled (High Density Resonant)

Parts are RoHS compliant

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### ELECTRICAL SPECIFICATIONS

Capacitance: 1  $\mu$ F

AC Current: 650 A

ESR: 0.5 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: 132-223 kHz

Maximum power (KVAR): 300

VAC: 600 Volts AC

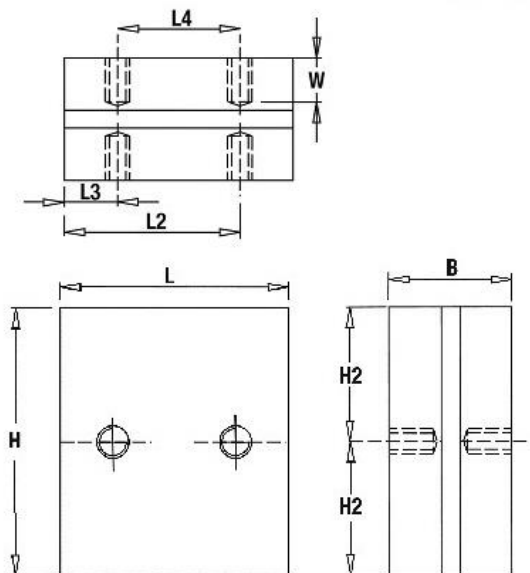
### PHYSICAL DIMENSIONS

Length (L): 56 mm, 0.5 mm

Height (H): 66 mm, +/-0.5 mm

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

### LEAD STYLE: 2EM8



| L                                               | H      | B        | W | L2 | L3 | L4 | H2   |
|-------------------------------------------------|--------|----------|---|----|----|----|------|
| 56±0.5                                          | 66±0.5 | 30.2±0.1 | 9 | 43 | 13 | 30 | 27.5 |
| Mounting holes: M8 full thread with SS helicoil |        |          |   |    |    |    |      |
| Tightening torque: 15Nm MAX                     |        |          |   |    |    |    |      |



3757 W. Touhy Ave. Lincolnwood, IL 60712 (847) 675-1760 FAX (847) 673-2850

Illinois Capacitor (HK) Ltd., Tel: 85227930931, Fax: 85227930731, [www.illcap.com.hk](http://www.illcap.com.hk)

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