

254HC4102K2UM8

Conduction Cooled (High Density Resonant)

Parts are RoHS compliant

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ELECTRICAL SPECIFICATIONS

Capacitance: 0.25 μ F

AC Current: 450 A

ESR: 1.5 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: 256-323 kHz

Maximum power (KVAR): 400

VAC: 1000 Volts AC

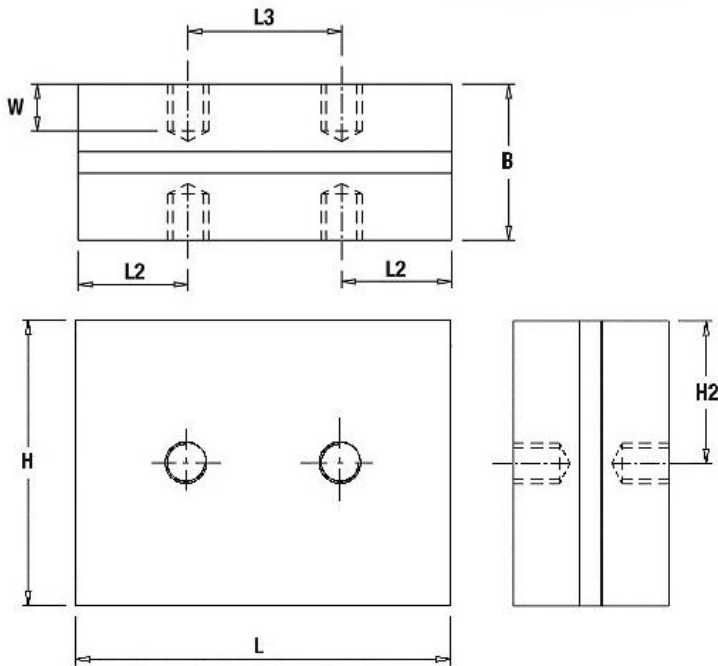
PHYSICAL DIMENSIONS

Length (L): 73 mm, 0.5 mm

Height (H): 55 mm, +/-0.1 mm

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

LEAD STYLE: 2UM8



L	H	B	W	L2	L3	H2
73 \pm 1	55 \pm 1	30.2 \pm 0.1	9	21.5	30.5 \pm 0.5	27.5
Mounting holes: M8 full thread with SS helicoil						
Tightening torque: 15Nm MAX						



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