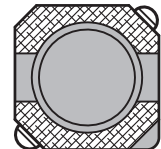
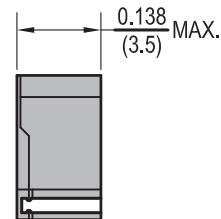
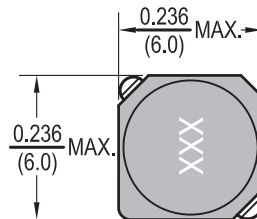




Shielded Power Inductor

PCSN5D33

Dimensions: $\frac{\text{Inches}}{(\text{mm})}$



Allied Part Number	Inductance (μH)	Tolerance (%)	Test Freq. KHz, 1v	DCR mΩ Max	Isat (A)	Irms (A) Max.
PCSN5D33-6R8M-RC	6.8	20	100	75	2.8	1.9
PCSN5D33-100M-RC	10	20	100	100	2.5	1.8

All specifications subject to change without notice.

Features

- SMD Power Inductor
- Magnetically shielded
- Low DC resistance
- High Current
- Ideal for DC-DC converter applications

Electrical

Inductance Range: 6.8μH & 10μH

Additional values available

Tolerance: 20%, available in tighter tolerances

Operating Temp: -40°C ~ +105°C

Isat: Current at which Inductance drops by no more than 30% of initial value.

Irms: Current at which the temperature rise is 40°C

Test Equipment

(L): TH2817

(RDC): TH2512B

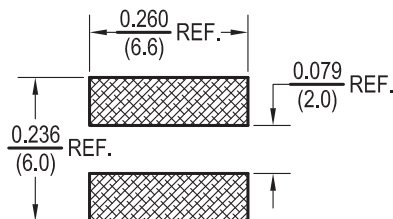
(Isat & Irms): WK3260B & WK3265B

Physical

Packaging: 2000 pieces per 13 inch reel.

Marking: EIA Inductance Code

Land Pattern



Schematic

