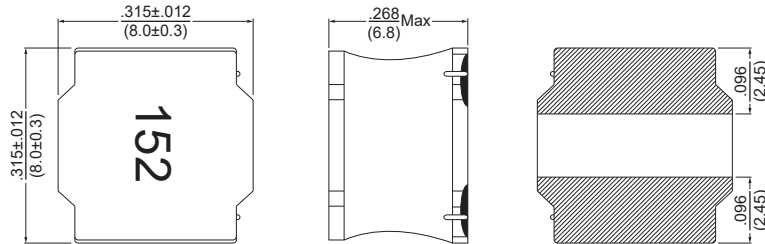




Power Chip Shielded Inductor

PCSNR87

Dimensions: $\frac{\text{inch}}{\text{mm}}$



Allied Part Number	Inductance (μH)	Tolerance (±%)	Test Freq. KHz, 0.1V	DCR (mΩ) ±20%	Isat (A) Max	Irms (A) Max
PCSNR87-152M	1500	20	100	3.65	.54	.36

All specifications subject to change without notice.

Features

- Shielded SMD Power Inductor
- Low DC resistance
- Ideal for pick and place
- MSL Level 1

Electrical

Inductance Range: 1500μH
Tolerance: ±20%
Operating Temp: -40°C to +125°C
Isat: Current at which inductance drops by 30% of initial value
Irms: DC current that causes the temperature rise ($\Delta T=40^\circ\text{C}$) from 25°C ambient.

Test Equipment

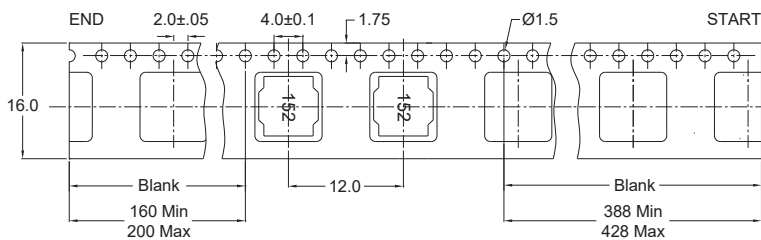
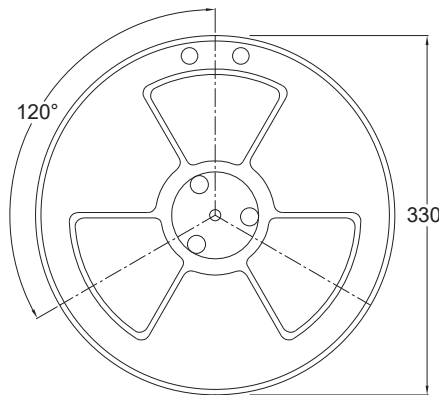
Inductance: Agilent HP4284A
DCR: ChengHwa502
Isat/Irms Current: Agilent HP4284A

Physical

Packaging: 700 pieces per 13 inch reel
Marking: EIA Inductance Code

Dimensions: mm

Packaging Information



Recommended PCB Layout

