Inductor Data Sheet

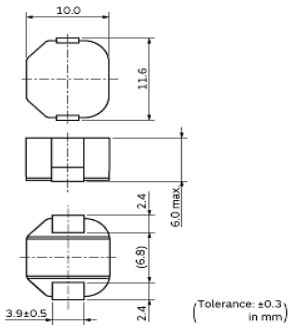
FCUL1060-H-R56M#

"#" indicates a package specification code.

In Production | General | 125 °C max. | Wound (Metal) | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
FCUL1060-H-R56M=P3

Shape



L size	11.6 ±0.3mm
W size	10.0 ±0.3mm
T size	6.0 mm
Size code in inch (mm)	4640 (116100)

Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C.)
Rated current (Itemp) is specified when temperature of inductor the is raised 40°C by DC current. (The ambient reference temperature is 20°C.)

References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	500

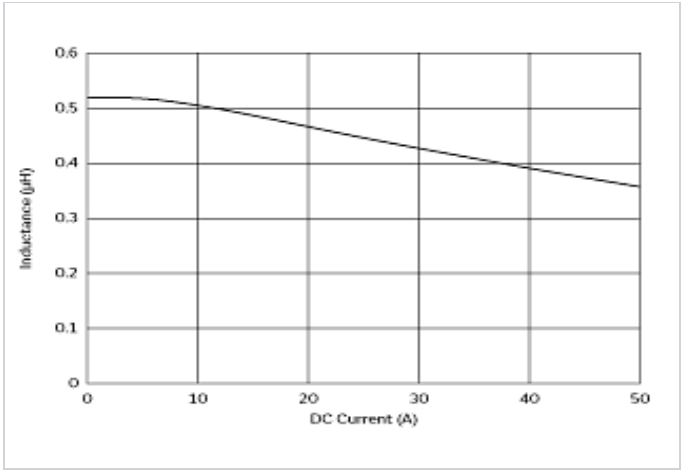
Mass (Typ.)	
1 piece	3.2g

Specifications

Inductance	0.56μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	34000mA
Rated current (Itemp) (Based on Temperature rise)	30000mA
Max. of DC resistance	0.0009095Ω
Avg. of DC resistance	0.00085Ω±7%
Operating temperature range (Self-temperature rise is included)	-40～125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30V DC
Series	FCUL1060

Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

- Inductance-Current characteristics (Typ.)



- Temperature rise characteristics (Typ.)