Inductor Data Sheet

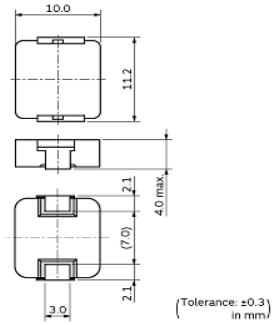
FDVE1040-H-2R7M#

"#" indicates a package specification code.

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

< List of part numbers with package codes >
FDVE1040-H-2R7M=P3

Shape



L size	11.2 ±0.3mm
W size	10.0 ±0.3mm
T size	4.0 mm
Size code in inch (mm)	4440 (112100)

Notes

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

References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	500

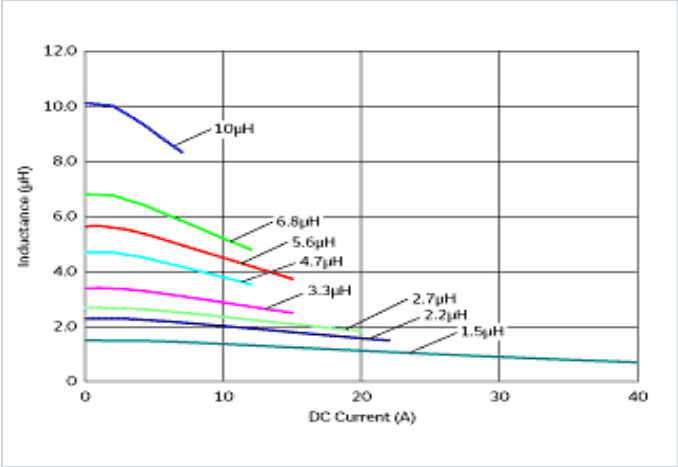
Mass (Typ.)	
1 piece	2.35g

Specifications

Inductance	2.7µH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	10900mA
Rated current (Itemp) (Based on Temperature rise)	10500mA
Max. of DC resistance	0.0088Ω
Operating temperature range (Self-temperature rise is included)	-40 to 125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30Vdc
Series	FDVE1040

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

- Inductance-Current characteristics (Typ.)



- Temperature rise characteristics (Typ.)