

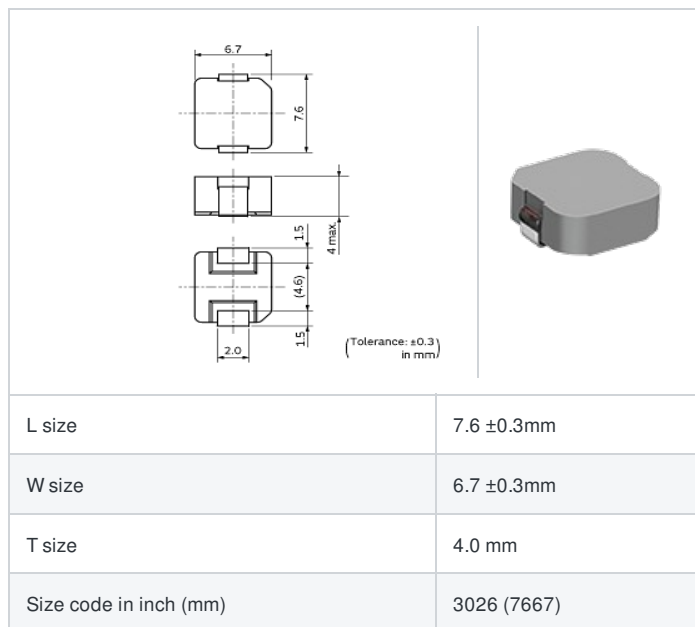
FDUE0640-H-R42M#

indicates a package specification code.



< List of part numbers with package codes >
FDUE0640-H-R42M=P3

Shape



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	1000

Mass (Typ.)	
1 piece	1.04g

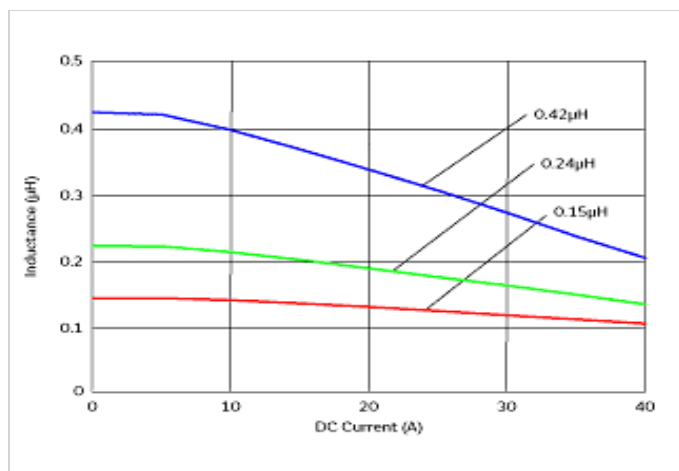
Specifications

Inductance	0.42μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	15000mA
Rated current (Itemp) (Based on Temperature rise)	22000mA
Max. of DC resistance	0.00158Ω
Avg. of DC resistance	0.00148Ω ±7%
Operating temperature range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30V DC
Series	FDUE0640

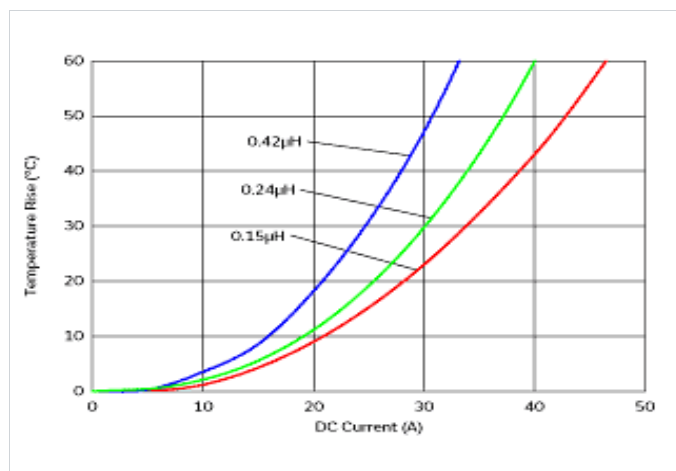
Attention

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■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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