

FDA1254-H-1R2M#

"#" indicates a package specification code.



< List of part numbers with package codes >
 FDA1254-H-1R2M=P3

Shape

(1) Dummy electrode terminal. Please solder to an isolated pad.

(Tolerance: ±0.3 in mm)

L size	12.6 ±0.3mm
W size	12.5 ±0.3mm
T size	5.4 mm
Size code in inch (mm)	5049 (126125)
Dimensions	A:13.5mm B:1.8mm C:7.7mm

Notes

Rated current (I_{sat}) is specified when the decrease of the initial inductance value at 20%.
 Rated current (I_{temp}) 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	4.361g

Specifications

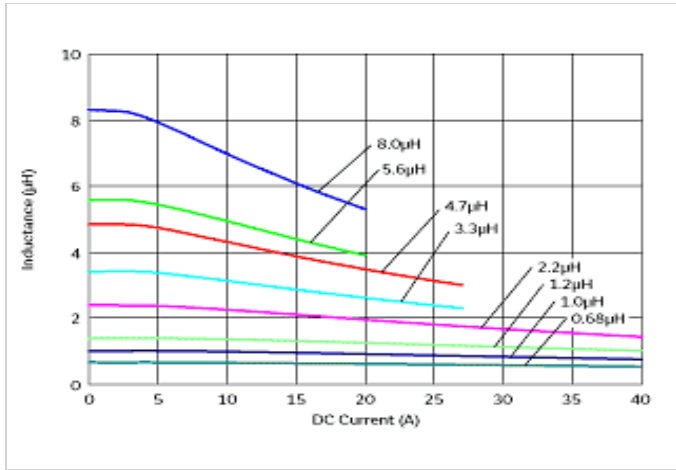
Inductance	1.2μH ±20%
Inductance test frequency	0.1MHz
Rated current (I _{sat}) (Based on Inductance change)	20200mA
Rated current (I _{temp}) (Based on Temperature rise)	18400mA
Max. of DC resistance	0.0026Ω
Operating temperature range (Self-temperature rise is included)	-40 to 125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30Vdc
Series	FDA1254

Attention

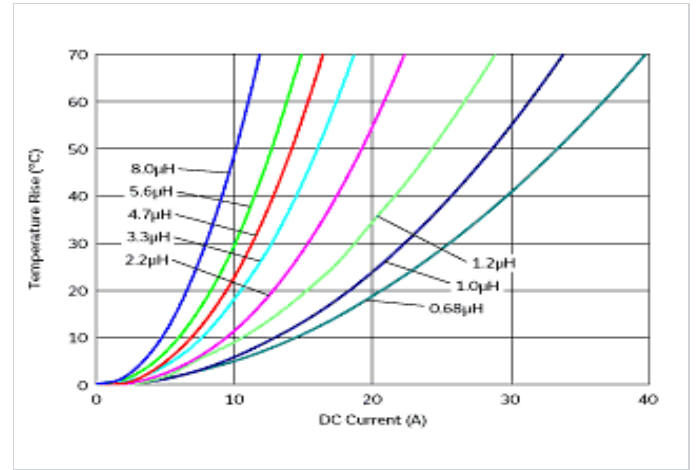
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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