

# FDA1254-H-3R3M#

# indicates a package specification code.



< List of part numbers with package codes >  
 FDA1254-H-3R3M=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:12.9mm B:1.2mm C:7.6mm

## Notes

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 20%.  
 Rated current (I<sub>temp</sub>) 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

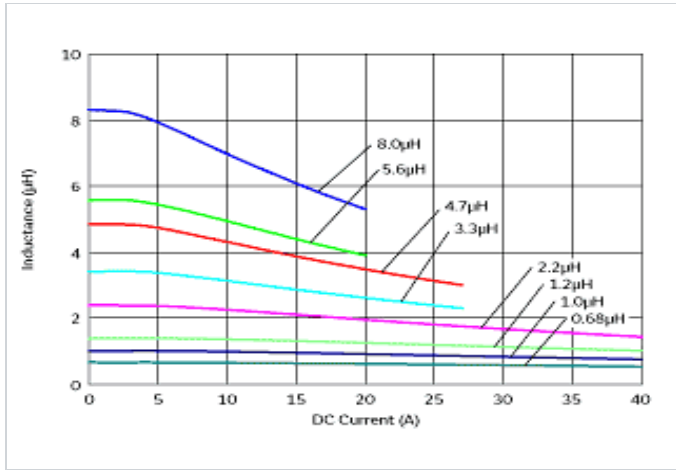
Inductance	3.3μH ±20%
Inductance test frequency	0.1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	13100mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	11500mA
Max. of DC resistance	0.007Ω
Operating temperature range (Self-temperature rise is included)	-40 to 125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30Vdc
Series	FDA1254

### Attention

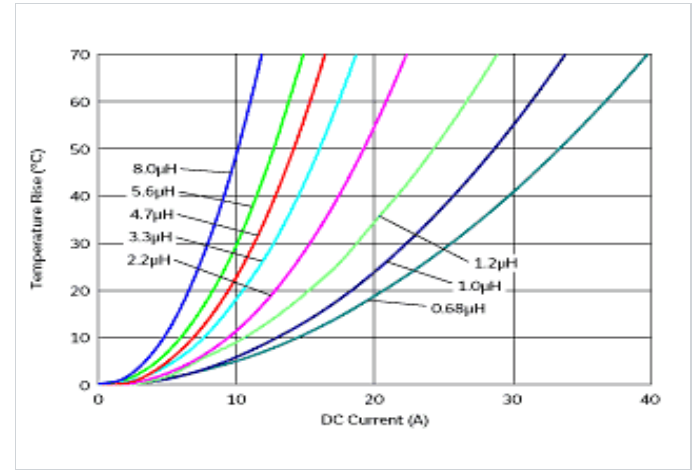
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



**⚠ Attention**

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