

# FDA1055-H-5R6M#

"#" indicates a package specification code.



< List of part numbers with package codes >  
 FDA1055-H-5R6M=P3

## Shape

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

(Tolerance: ±0.3 in mm)

L size	10.8 ±0.3mm
W size	10.8 ±0.3mm
T size	5.5 mm
Size code in inch (mm)	4242 (108108)
Dimensions	A:11.3mm B:1.4mm C:6.4mm

## Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 20%. (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	3.201g

## Specifications

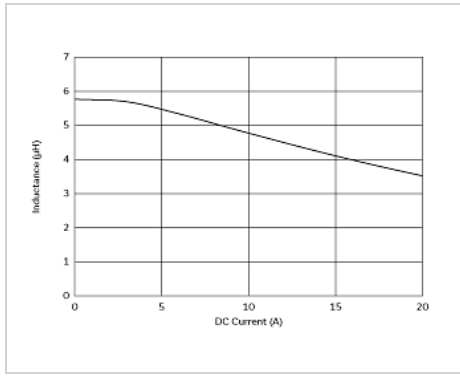
Inductance	5.6μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	8000mA
Rated current (Itemp) (Based on Temperature rise)	7500mA
Max. of DC resistance	0.0120Ω
Operating temperature range (Self-temperature rise is included)	-20~100°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30V DC
Series	FDA1055

### Attention

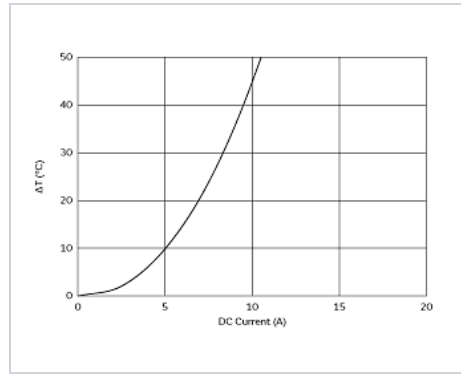
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



**⚠ Attention**

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