

## FDSD0630-H-8R2M#

#" indicates a package specification code.

In Production

General

125

°C max.

Wound  
(Metal)Reflow  
OK

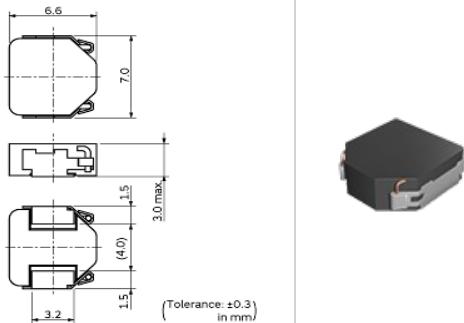
RoHS

REACH

&lt; List of part numbers with package codes &gt;

FDSD0630-H-8R2M=P3

## Shape



L size	7.0 ±0.3mm
W size	6.6 ±0.3mm
T size	3.0 mm
Size code in inch (mm)	2726 (7066)

## Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. (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	1000

Mass (Typ.)	
1 piece	0.7g

## Specifications

Inductance	8.2μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	5500mA
Rated current (Itemp) (Based on Temperature rise)	3400mA
Max. of DC resistance	0.0700Ω
Operating temperature range (Self-temperature rise is included)	-40~125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30V DC
Series	FDSD0630

## Attention

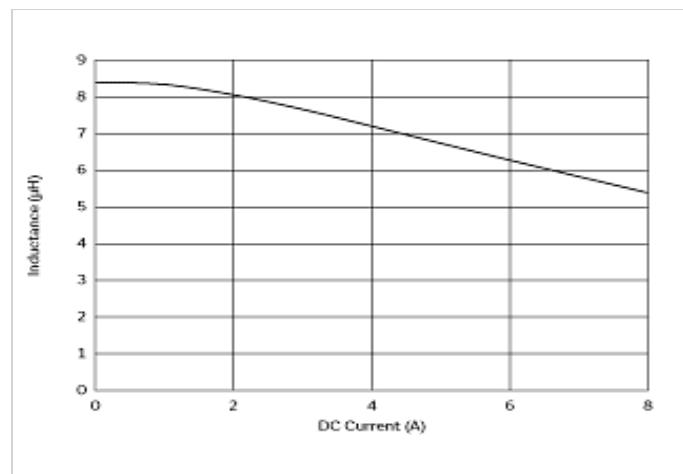
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2. This datasheet has only typical specifications because there is no space for detailed specifications.

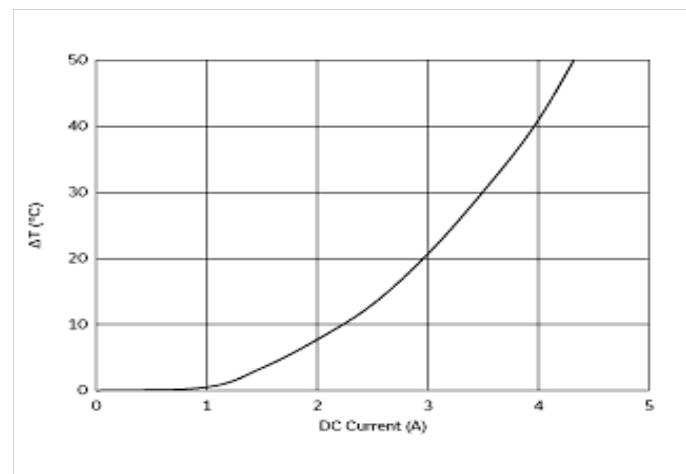
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

## 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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