

## FDUE1260-H-R45N#

#" indicates a package specification code.

In Production

General

125

°C max.

Wound  
(Metal)Reflow  
OK

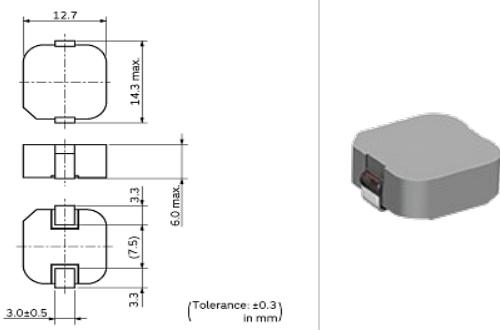
RoHS

REACH

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

FDUE1260-H-R45N=P3

## Shape



L size	14.3 mm
W size	12.7 ±0.3mm
T size	6.0 mm
Size code in inch (mm)	5650 (143127)

## Notes

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

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	500

Mass (Typ.)	
1 piece	5.4g

## Specifications

Inductance	0.45μH ±30%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	32000mA
Rated current (Itemp) (Based on Temperature rise)	34000mA
Max. of DC resistance	0.00062Ω
Avg. of DC resistance	0.00058Ω ±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	FDUE1260

1 of 2

## Attention

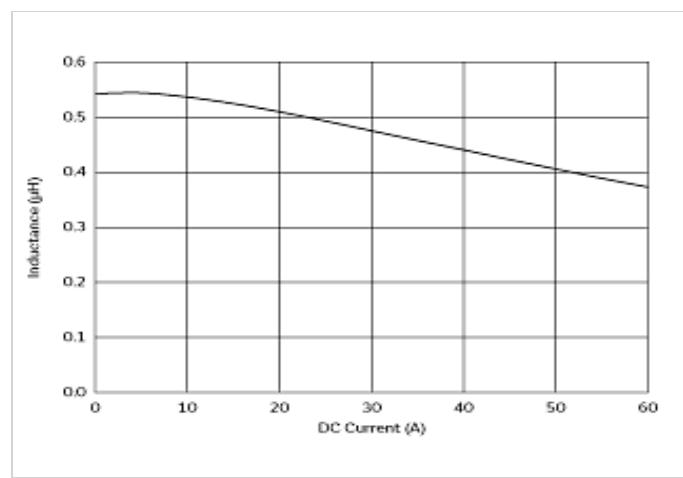
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2. This datasheet has only typical specifications because there is no space for detailed specifications.

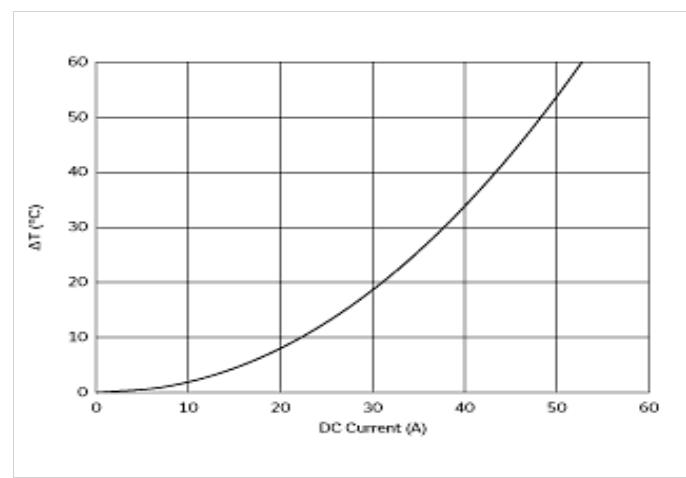
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

## 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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