

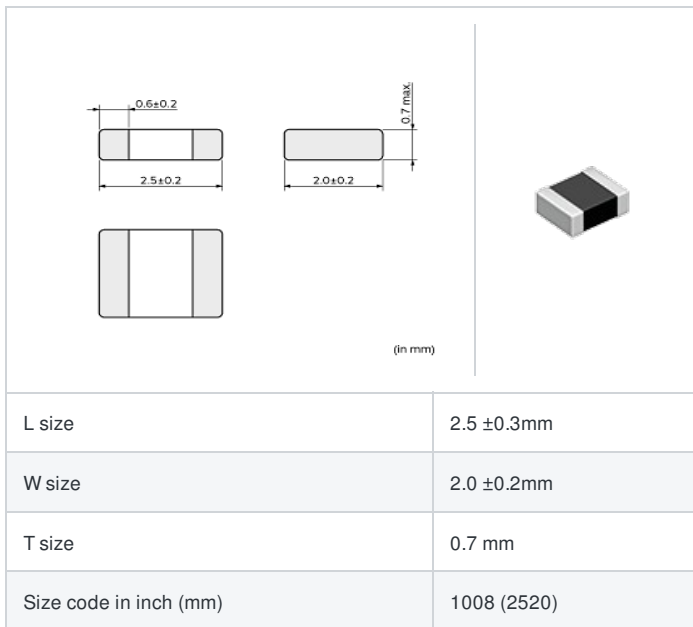
DFE252007F-R47M#

"#" indicates a package specification code.



< List of part numbers with package codes >
DFE252007F-R47M=P2

Shape



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
=P2	φ 180mm Embossed taping	3000

Mass (Typ.)	
1 piece	0.01875g

Specifications

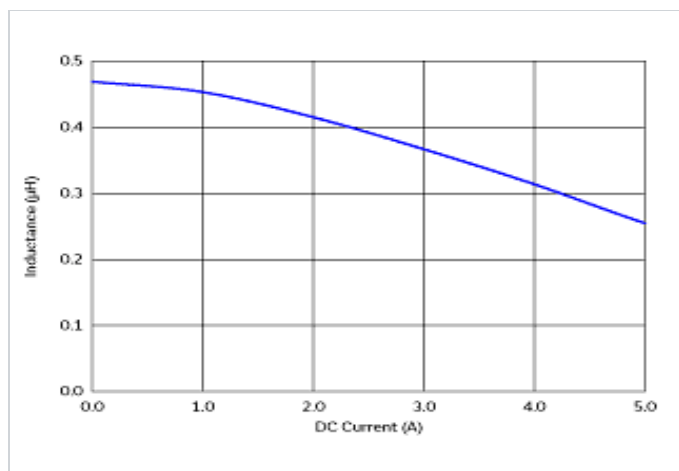
Inductance	$0.47 \mu\text{H} \pm 20\%$
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	3300mA
Rated current (Itemp) (Based on Temperature rise)	2700mA
Max. of DC resistance	0.053Ω
Operating temperature range (Self-temperature rise is included)	$-40 \sim 125^\circ\text{C}$
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	20V DC
Series	DFE252007F

Attention

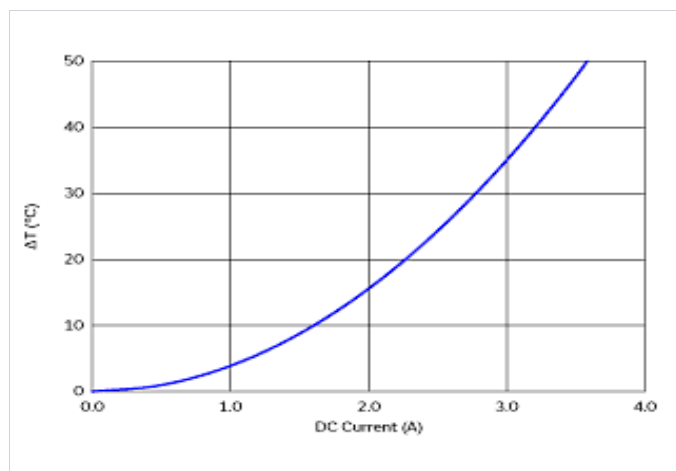
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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