

DFEH10040D-100M#

indicates a package specification code.



< List of part numbers with package codes >
DFEH10040D-100M=P3

Shape

L size	10.9 ±0.3mm
W size	10.0 ±0.3mm
T size	4.0 mm
Size code in inch (mm)	4339 (109100)

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	2.1295g

Specifications

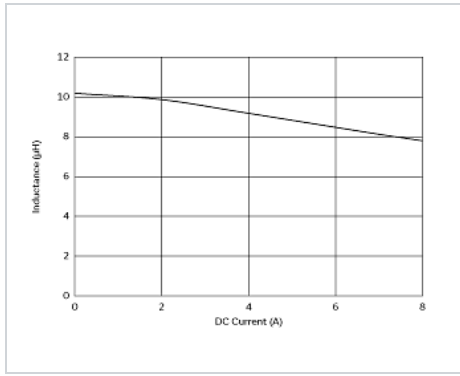
Inductance	10μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	5500mA
Rated current (Itemp) (Based on Temperature rise)	5700mA
Max. of DC resistance	0.0330Ω
Operating temperature range (Self-temperature rise is included)	-40~155°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	50V DC
Series	DFEH10040D

Attention

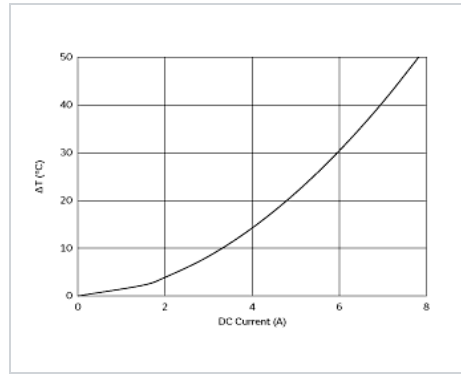
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

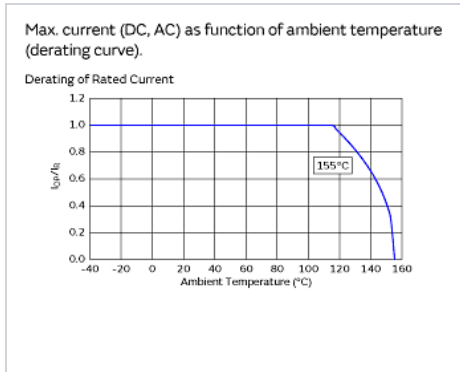
▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



▪ Notice (Rating)



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