

FDSD0420D-2R2M# "#" indicates a package specification code.



< List of part numbers with package codes > FDSD0420D-2R2M=P3

Shape

(Tolerance: ±0.3) 60 L size 4.0 ±0.2mm W size 4.0 ±0.2mm T size 2.0 mm Size code in inch (mm) 1515 (4040)

Notes

Rated current (lsat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 25°C) Rated current (Itemp) is specified when temperature of the inductor is raised 40 °C by DC current. (The ambient reference temperature is 25 °C)

References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	2000

Mass (Typ.)	
1 piece	0.164g

Specifications

Inductance	2.2µH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	4100mA
Rated current (Itemp) (Based on Temperature rise)	3600mA
Max. of DC resistance	0.047Ω
Operating temperature range (Self-temperature rise is included)	-40~125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30V DC
Series	FDSD0420_D

🔔 Attention

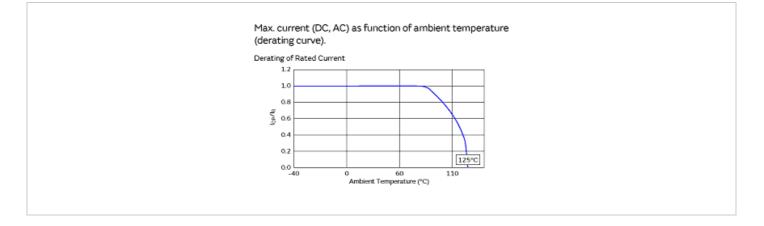
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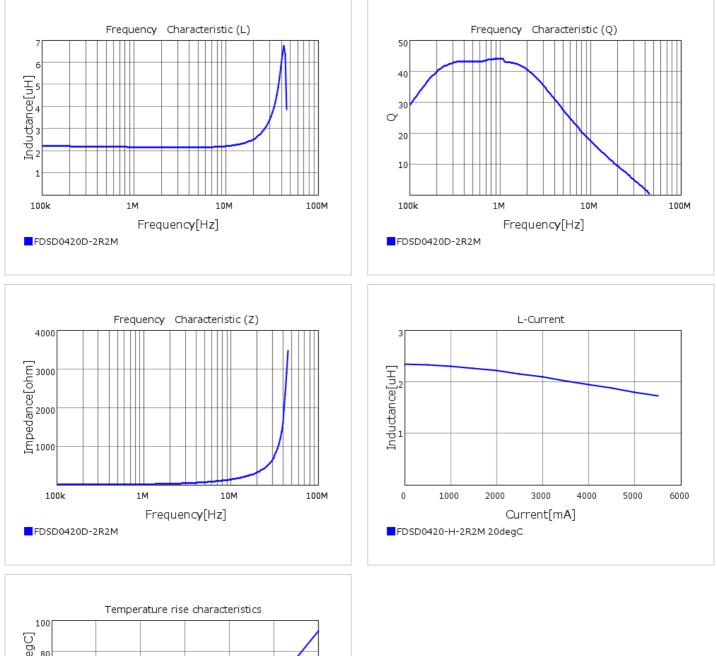


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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)



Temperature rise characteristics

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