

DD1235AS-H-1R2N# "#" indicates a package specification code.



< List of part numbers with package codes > DD1235AS-H-1R2N=P3

Shape

4.9 max (Tolerance: ±0.2 (3.5) 4.7 ±0.2mm L size W size 4.5 ±0.2mm T size 1.8 mm Size code in inch (mm) 1818 (4745)

Notes

Rated current (lsat) 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 the inductor is raised 40°C by DC current. (The ambient reference temperature is 20°C)

References

Packaging code	Specifications	Minimum quantity
=P3	ф330mm Embossed taping	2000

Mass (Typ).)
1 piece	0.168g

Specifications

Inductance	1.2µH ±30%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	3500mA
Rated current (Itemp) (Based on Temperature rise)	2900mA
Max. of DC resistance	0.047Ω
Avg. of DC resistance	0.039 Ω +20%/-30%
Operating temperature range (Self-temperature rise is included)	-40~105°C
Class of magnetic shield	Ferrite Core
Series	DEM4518C_DD

1 of 3

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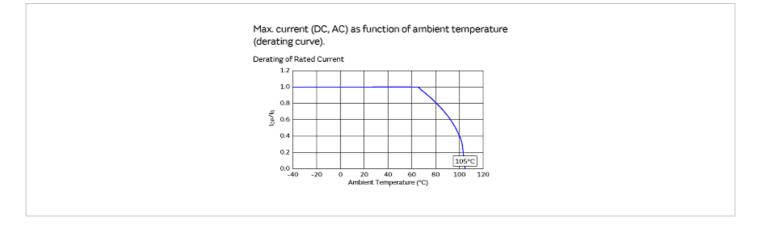
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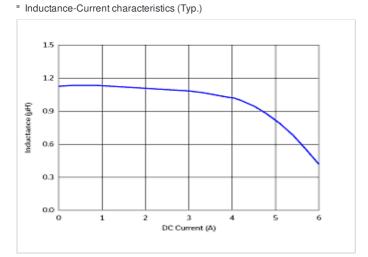


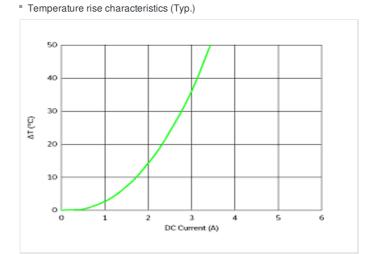
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)





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