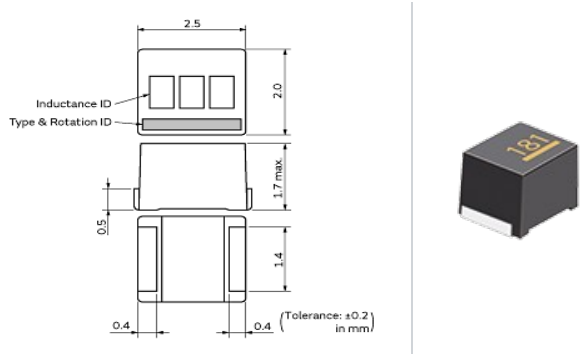
Inductor Data Sheet

#FSLM2520-1R8J=P2

In Production | General | 85℃ | Wound (Ferrite) | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
#FSLM2520-1R8J=P2

Shape



L size	2.5 ±0.2mm
W size	2.0 ±0.2mm
T size	1.7 mm
Size code in inch (mm)	1008 (2520)

Notes

Rated current is specified when the decrease of the initial inductance value at 10%. (The ambient reference temperature is 20℃.)
OR rated current is specified when temperature of inductor the is raised 20℃ by DC current. (The ambient reference temperature is 20℃.)
Whichever is smaller.

References

Packaging code	Specifications	Minimum quantity
=P2	ϕ180mm Embossed taping	2000

Mass (Typ.)	
1 piece	0.02g

Specifications

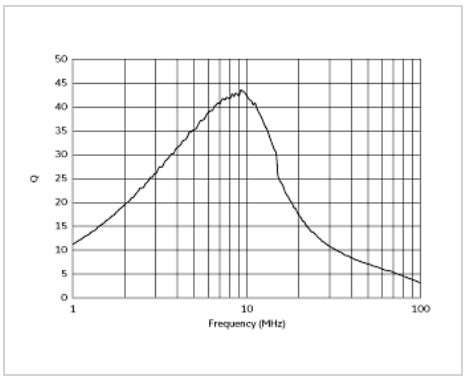
Inductance	1.8μH ±5%
Inductance test frequency	7.96MHz
Rated current	220mA
Max. of DC resistance	1.10Ω
Q (min.)	30
Q test frequency	7.96MHz
Self resonance frequency (min.)	120MHz
Operating temperature range (Self-temperature rise is included)	-40～85℃
Class of magnetic shield	No Shield
Series	LLM2520

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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.)

- Q-Frequency characteristics (Typ.)



Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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.