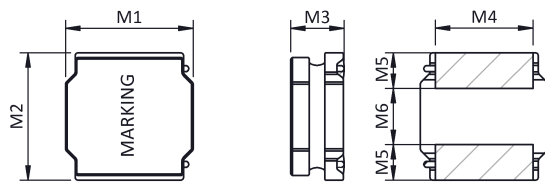


CSME0412D-6R8M



Appearance & Shape



Unit:mm

ITEM	M1	M2	M3	M4	M5	M6
DIM.	4.00	4.00	1.20	3.30	0.95	2.10
TOL.	±0.2	±0.2	MAX.	±0.2	±0.2	REF.

注意 NOTICE: All Specifications are subject to change without notice.

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2. 本文件僅說明參考標準規格，如需訂購，請依實際核准所需規格進行申辦。

Specification

L size(mm)	4.0±0.2
W size(mm)	4.0±0.2
T size(mm)	1.20 Max.
Size codeinch (mm)	0412
Inductance(uH)	6.8±20%
DCR(mΩ) Typ.	175
DCR(mΩ) Max.	228
Isat(A) Typ.	1.3
Isat(A) Max.	1.15
Irms(A) Typ.	1.1
Irms(A) Max.	0.85
SRF[MHz] Typ.	26
Operating Temperaturerange(includingself-temperaturerising) °C	-40°C to +125°C

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Notices

- High saturation current realized by material properties and structure design.
- Low DC resistance to achieve high conversion efficiency and lower temperature rising.
- Low Profile: 4.0 mm × 4.0 mm × 1.2 mm.
- Magnetically shielded structure to accomplish high resolution in EMC protection.
- Halogen free, Lead Free, RoHS Compliance.
- Surface marking : None.
- The moisture sensitivity level (MSL) of products is level 1.

Packing

Packing Reel(Inch)	Standard package quantity(KPCS)	Piece weight(gram)	MSL Level
13	4.5	0.0725	1

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