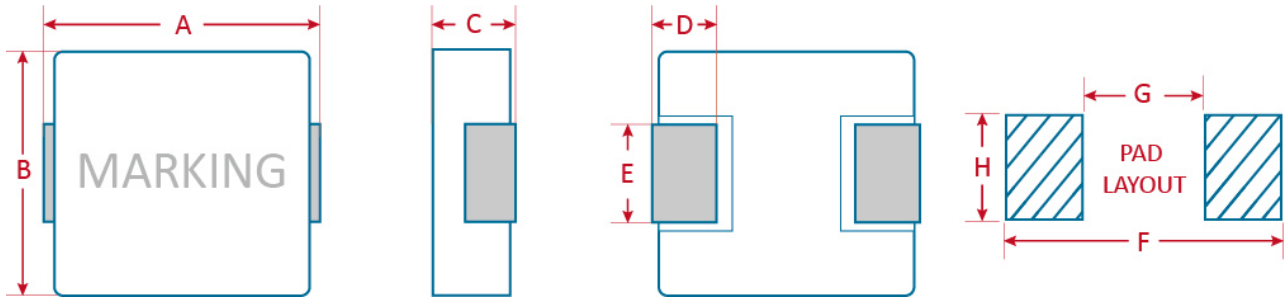


SPECIFICATION FOR APPROVED
樣品承認書

2022
 NEW

機構圖 Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G	H
SAR4012	4.4±0.35	4.2±0.25	1.0±0.2	0.8±0.3	2.0±0.3	5.2 Typ.	2.2 Typ.	2.5 Typ.

印字Marking：印字顏色因生產設備而有所差異

SAR4012

Part No.	L(μH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAR4012MTR15	0.15	9.0	15.0	7.5	±20%
SAR4012MTR22	0.22	11.0	11.0	7.0	±20%
SAR4012MTR33	0.33	19.0	8.4	6.5	±20%
SAR4012MTR47	0.47	21.0	6.8	6.0	±20%
SAR4012MTR68	0.68	36.0	6.0	4.7	±20%
SAR4012MT1R0	1.00	47.0	5.5	4.5	±20%
SAR4012MT1R5	1.50	75.0	4.0	3.25	±20%
SAR4012MT2R2	2.20	83.5	3.0	2.75	±20%
SAR4012MT4R7	4.70	195.0	2.2	1.8	±20%

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Ordering information

SAR - 4012 - MT - R33

(1) (2) (3)(4) (5)

- (1) Type : High Power Inductor
- (2) Size : 4012 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : R33 for 0.33uH,1R0 for 1.0uH,2R2 for 2.2uH...

Characteristics

- All test data is referred to 25°C ambient.
- Isat : DC current (A) that will cause Lo to drop approximately 30% (Typical)
- Irms : DC current (A)that will cause an approximate ΔT of 40°C (Typical)
- Operating temperature range : -55°C to +125°C

註 : Absolute maximum voltage 30VDC

Test equipment

- Test Frequency : 100KHz ,1 Vrms.

TAPE AND REEL SPECIFICATIONS

