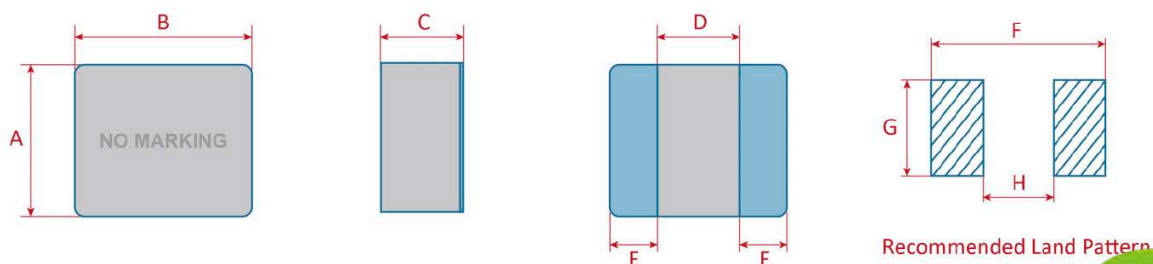


SPECIFICATION FOR APPROVED 樣品承認書

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機構圖 Shape and Dimensions(mm) :



Recommended Land Pattern

RoHS

Item	A	B	C	D	E	F	G	H
SAR2512-M	2.0 ± 0.2	2.5 ± 0.2	1.2 Max.	0.7 Typ.	0.9 Typ.	2.6 Ref.	2.1 Ref.	0.6 Ref.

SAR2512-M

Part No.	Inductance (μ H)	DCR (m Ω)		Saturation current (A)		Temperature rise current (A) ($\Delta T \leq 40^\circ\text{C}$)	
		Typ.	Max.	Typ.	Max.	Typ.	Max.
SAR2512MTR47-M	0.47 ± 20%	16	19	7.5	7	5.5	5.0
SAR2512MTR68-M	0.68 ± 20%	23	27	6.0	5.6	5.3	5
SAR2512MT1R0-M	1.0 ± 20%	30	39.6	5.6	5.2	4.5	4.2
SAR2512MT1R5-M	1.5 ± 20%	35	42	4.2	3.8	4.1	3.6
SAR2512MT2R2-M	2.2 ± 20%	53	63	3.8	3.4	3.3	2.6
SAR2512MT3R3-M	3.3 ± 20%	84	95	2.8	2.6	2.2	2.0
SAR2512MT4R7-M	4.7 ± 20%	130	150	2.6	2.2	1.9	1.7

SPECIFICATION FOR APPROVED 樣品承認書

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Ordering information

SAR - 2512 - MT - R47

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

- (1) Type : High Power Inductor
- (2) Size : 2512 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : R47 for 0.47uH,1R0 for 1.0uH,2R2 for 2.2uH...

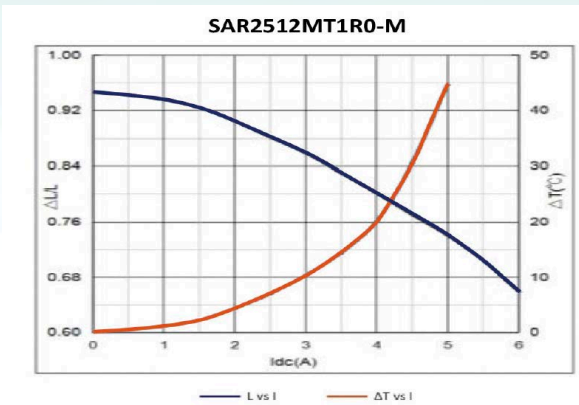
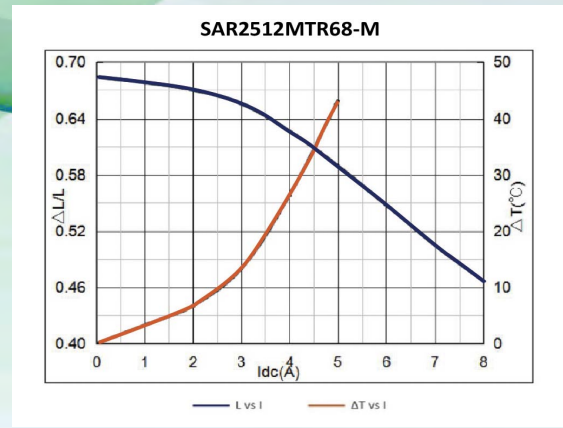
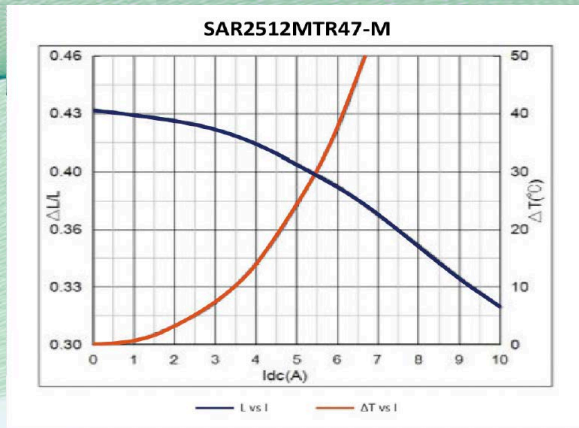
Characteristics

- indicates the current when the inductance decrease to approximately 70% of initial value. (Ta=25°C)
- The temperature rise current value is the DC current value having temperature increase up to approximately 40°C(Ta=25°C)

註 : Absolute maximum voltage 20VDC

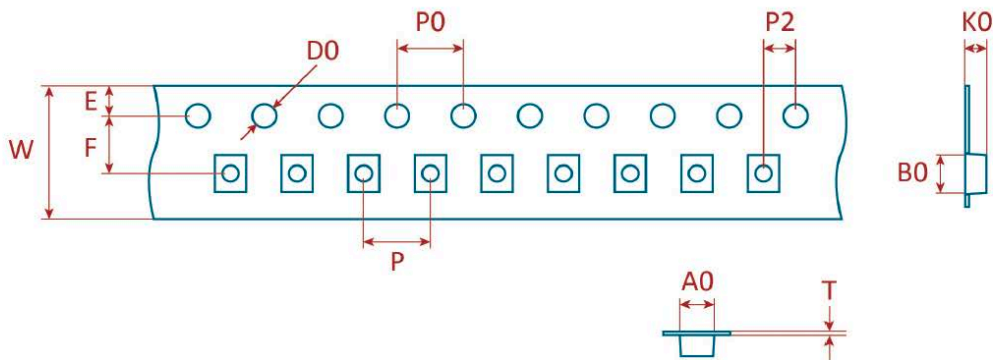
Test equipment

- Inductance: HP 4284A or equivalent at 1MHz /1V
- D.C.R : Chroma 16502 or equivalent. (Ta= 25°C)
- Saturation current: WK 3260B+3265B or equivalent

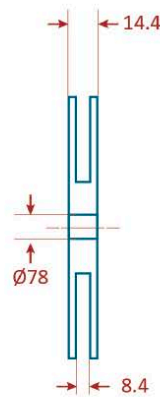
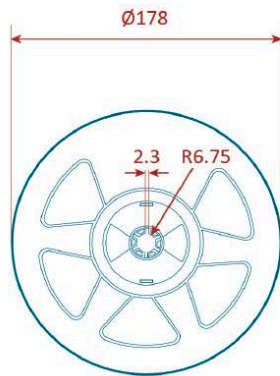


TAPE AND REEL SPECIFICATIONS

Dimensions in mm



Type	W	E	F	D0	P	P0	P2	A0	B0	K0	T
SAR2512-M	8 ±0.1	1.75 ±0.1	3.5 ±0.05	1.5 +0.1/-0	4 ±0.1	4 ±0.1	2 ±0.1	2.35 ±0.05	2.8 ±0.05	1.55 ±0.05	0.25 ±0.05



Packing Quantity

3000 Pcs / Reel