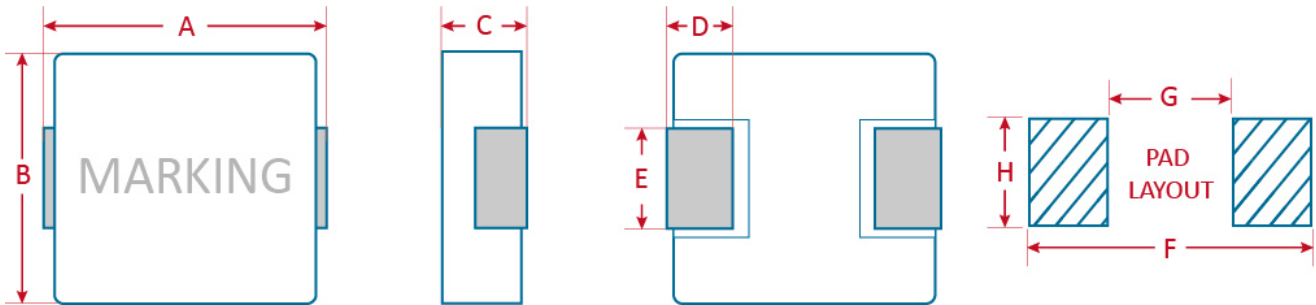


SPECIFICATION FOR APPROVED 樣品承認書

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NEW

機構圖 Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G	H
SAR7030	7.0 ± 0.3	6.6 ± 0.2	2.8 ± 0.2	1.6 ± 0.3	3.0 ± 0.3	8.4 Typ.	3.7 Typ.	3.5 Typ.
SAR7030MTR12	7.25 ± 0.35	6.6 ± 0.2	3.0 Max.	1.6 ± 0.3	3.0 ± 0.5	8.4 Typ.	3.7 Typ.	3.5 Typ.
SAR7030MTR20	7.4 Max.	6.8 Max.	3.0 Max.	1.6 ± 0.5	2.9 ± 0.5	8.4 Typ.	3.7 Typ.	3.5 Typ.
SAR7030MTR24	7.25 ± 0.35	6.6 ± 0.2	2.8 ± 0.2	1.6 ± 0.3	3.0 ± 0.5	8.4 Typ.	3.7 Typ.	3.5 Typ.

註1: SAR7030MTR12、SAR7030MTR24 此兩款感值之size A、C、E 尺寸與原本SAR7030有所不同。

註2: SAR7030MTR20 此款感值size之A、C、D、E 尺寸與原本SAR7030有所不同。

印字Marking: 印字顏色因生產設備而有所差異

SAR7030

Part No.	L(uH)	DCR(mΩ) Max.	Isat(A) Typ.	Irms(A) Typ.	Tolerance (±%)
SAR7030MTR12	0.12	0.9	48.0	38.0	±20%
SAR7030MTR15	0.15	2.4	41.0	30.0	±20%
SAR7030MTR20	0.20	3.0	36.0	24.0	±20%
SAR7030MTR22	0.22	3.0	34.0	24.0	±20%
SAR7030MTR24	0.24	1.5	35.0	32.0	±20%
SAR7030MTR33	0.33	3.5	25.0	21.0	±20%
SAR7030MTR47	0.47	4.1	20.0	18.0	±20%
SAR7030MTR56	0.56	4.5	18.0	16.5	±20%
SAR7030MTR68	0.68	5.3	17.0	16.0	±20%
SAR7030MTR82	0.82	6.0	16.0	14.0	±20%
SAR7030MT1R0	1.0	7.4	15.0	12.0	±20%
SAR7030MT1R5	1.5	12.1	12.0	12.0	±20%
SAR7030MT2R2	2.2	15.0	10.0	9.5	±20%

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Part No.	L(μ H)	DCR(m Ω)		Isat(A)	Irms(A)	Tolerance (\pm %)
		Max.	Typ.	Typ.		
SAR7030MT3R3	3.3	22.0	9.5	8.5	\pm 20%	
SAR7030MT4R7	4.7	33.0	9.0	6.0	\pm 20%	
SAR7030MT5R6	5.6	42.0	6.5	5.5	\pm 20%	
SAR7030MT6R8	6.8	48.0	6.0	5.0	\pm 20%	
SAR7030MT8R2	8.2	60.0	5.5	5.0	\pm 20%	
SAR7030MT100	10.0	68.0	5.5	4.5	\pm 20%	
SAR7030MT150	15.0	113.0	4.0	3.0	\pm 20%	
SAR7030MT220	22.0	170.0	3.0	2.5	\pm 20%	
SAR7030MT330	33.0	270.0	2.5	2.0	\pm 20%	
SAR7030MT470	47.0	385.0	2.0	1.5	\pm 20%	

Ordering information

SAR - 7030 - MT - R33

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

- (1) Type : High Power Inductor
- (2) Size : 7030 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : R33 for 0.33 μ H,1R0 for 1.0 μ H,2R2 for 2.2 μ H...

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 Δ T of 40°C (Typical)
- Operating temperature range : -55°C to +125°C
- Operating temperature range : -40°C to +125°C (R12 、 R20 、 R24)

註 : Absolute maximum voltage 30VDC

Test equipment

- Test Frequency : 100KHz ,0.25 Vrms.
- L :WK3260B
- DCR : ChenHwa502

TAPE AND REEL SPECIFICATIONS

