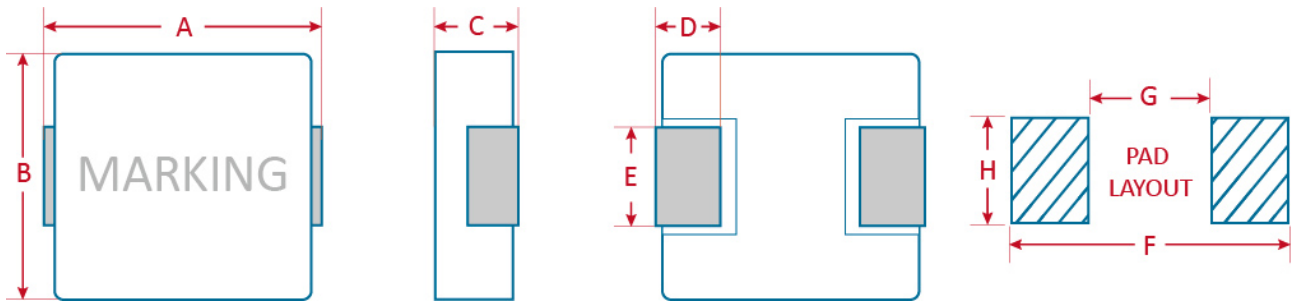


SPECIFICATION FOR APPROVED 樣品承認書

2022
NEW

機構圖 Shape and Dimensions(mm) :



Item	A	B	C	D	E	F	G	H	
SAR1350	13.45 ± 0.35	12.6 ± 0.3	4.8 ± 0.2	2.0 ± 0.5	See Remark	14.5 Typ.	8.0 Typ.	5.5 Typ.	
Remarks			Dimensions						
E	3.85±0.5	R22/R36/R50/R68/R82/1R0/1R5/2R2							
E	5.0±0.3	3R3/4R7/6R8/8R2/100/150/220/330/470							

印字Marking : 印字顏色因生產設備而有所差異

SAR1350

Part No.	L(μH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAR1350MTR22	0.22	0.70	75.0	50.0	±20%
SAR1350MTR36	0.36	0.85	50.0	42.0	±20%
SAR1350MTR50	0.50	1.15	48.0	38.0	±20%
SAR1350MTR68	0.68	1.55	46.0	33.0	±20%
SAR1350MTR82	0.82	1.67	39.0	30.0	±20%
SAR1350MT1R0	1.0	2.20	35.0	26.0	±20%
SAR1350MT1R5	1.5	3.20	33.0	23.0	±20%
SAR1350MT2R2	2.2	5.00	24.0	15.0	±20%
SAR1350MT3R3	3.3	7.00	22.0	14.0	±20%
SAR1350MT4R7	4.7	9.00	20.0	13.0	±20%
SAR1350MT6R8	6.8	18.00	16.0	12.0	±20%
SAR1350MT8R2	8.2	20.00	13.0	9.5	±20%
SAR1350MT100	10.00	22.00	12.0	9.0	±20%

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Part No.	L(uH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAR1350MT150	15.00	30.0	10.0	8.0	±20%
SAR1350MT220	22.00	58.0	6.5	4.5	±20%
SAR1350MT330	33.00	84.0	6.0	3.5	±20%
SAR1350MT470	47.00	130.0	5.0	3.0	±20%

Ordering information

SAR - 1350 - MT - R22

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

- (1) Type : High Power Inductor
- (2) Size : 1350 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

