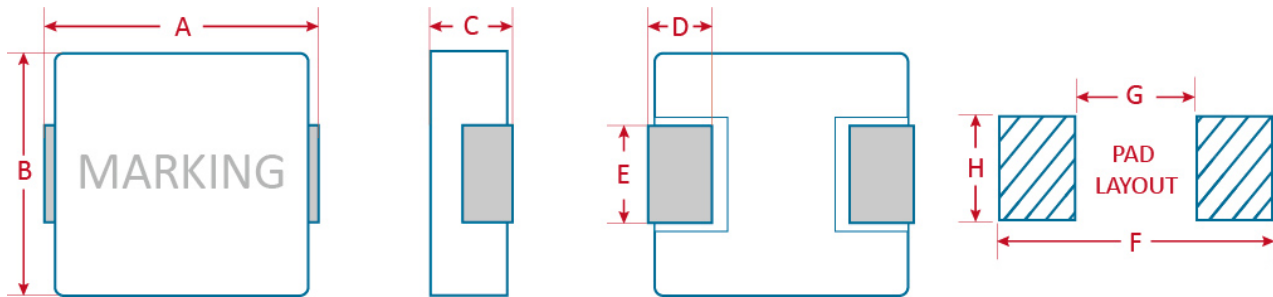


SPECIFICATION FOR APPROVED 樣品承認書

2022
NEW

機構圖 Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G	H
SAR1040	11.5 Max.	10.0 ± 0.3	3.8 ± 0.2	2.0 ± 0.5	3.0 ± 0.5	13.6 Typ.	5.4 Typ.	4.1 Typ.

印字Marking：印字顏色因生產設備而有所差異

SAR1040

Part No.	L(uH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAR1040MTR15	0.15	0.65	75.0	45.0	±20%
SAR1040MTR22	0.22	1.00	60.0	35.0	±20%
SAR1040MTR30	0.30	1.10	45.0	35.0	±20%
SAR1040MTR36	0.36	1.20	45.0	30.0	±20%
SAR1040MTR47	0.47	1.70	40.0	30.0	±20%
SAR1040MTR56	0.56	1.80	33.0	25.0	±20%
SAR1040MTR68	0.68	2.40	30.0	23.0	±20%
SAR1040MTR80	0.80	2.70	29.0	23.0	±20%
SAR1040MT1R0	1.00	3.30	28.0	19.0	±20%
SAR1040MT1R5	1.50	4.20	24.0	16.0	±20%
SAR1040MT2R2	2.20	7.00	16.5	12.0	±20%
SAR1040MT3R3	3.30	11.80	16.0	11.0	±20%
SAR1040MT4R7	4.70	20.00	13.0	9.0	±20%
SAR1040MT6R8	6.80	25.00	12.0	8.5	±20%

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Part No.	L(uH)	DCR(mΩ) Max.	Isat(A) Typ.	Irms(A) Typ.	Tolerance (±%)
SAR1040MT8R2	8.20	27.00	9.0	8.0	±20%
SAR1040MT100	10.00	30.00	8.5	7.8	±20%
SAR1040MT150	15.00	45.00	7.0	6.5	±20%
SAR1040MT220	22.00	66.00	5.5	5.0	±20%
SAR1040MT330	33.00	92.00	4.8	4.4	±20%
SAR1040MT470	47.00	145.00	3.5	3.3	±20%
SAR1040MT680	68.00	195.00	3.0	2.5	±20%
SAR1040MT101	100.00	340.00	2.3	2.0	±20%

Ordering information

SAR - 1040 - MT - R22

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

- (1) Type : High Power Inductor
- (2) Size : 1040 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

