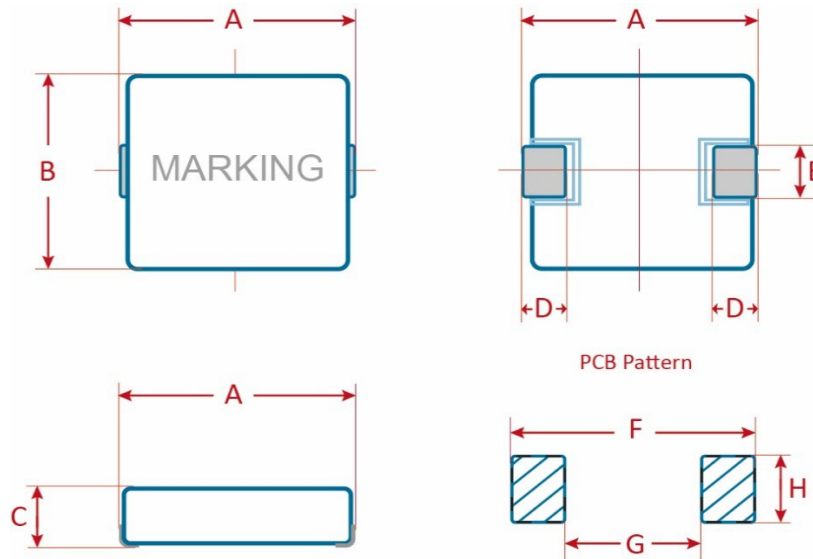




# SPECIFICATION FOR APPROVED 樣品承認書

2022  
NEW

## 機構圖 Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G	H
SAR7018	7.0±0.3	6.6±0.2	1.6±0.2	1.6±0.3	3.0±0.3	8.4 Typ.	3.7 Typ.	3.5 Typ.

印字Marking: 印字顏色因生產設備而有所差異

## SAR7018

Part No.	L(uH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAR7018MTR10	0.1	2.3	38.0	25.0	±20%
SAR7018MTR22	0.22	3.5	24.0	22.0	±20%
SAR7018MTR47	0.47	8.4	18.0	11.5	±20%
SAR7018MTR68	0.68	12.0	16.5	9.5	±20%
SAR7018MT1R0	1.0	16.0	12.0	8.5	±20%
SAR7018MT1R5	1.5	26.0	9.2	8.0	±20%
SAR7018MT2R2	2.2	35.0	8.0	7.0	±20%
SAR7018MT3R3	3.3	50.0	6.0	4.5	±20%
SAR7018MT4R7	4.7	62.0	5.0	4.0	±20%

# SPECIFICATION FOR APPROVED 樣品承認書

2022  
NEW

Part No.	L( $\mu$ H)	DCR( $m\Omega$ )	Isat(A)	Irms(A)	Tolerance
		Max.	Typ.	Typ.	( $\pm$ %)
SAR7018MT6R8	6.8	110.0	4.5	3.0	$\pm$ 20%
SAR7018MT100	10.0	155.0	4.0	2.3	$\pm$ 20%
SAR7018MT220	22.0	350.0	2.3	1.8	$\pm$ 20%

## Ordering information

### SAR -7018 - MT - R10

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

- (1) Type : Power Choke
- (2) Size :7018 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : R10 for 0.1 $\mu$ H,1R0 for 1.0 $\mu$ H,2R2 for 2.2 $\mu$ 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  $\Delta T$  of 40°C (Typical)
- Operating temperature range : -55°C to +125°C

註 : Absolute maximum voltage 30VDC

## Test equipment

- Test Frequency : 100kHz ,1.0 Vrms.
- L : HP4284A , HP4285A METER
- DCR : CH-502A Or EQUIV

料袋圖

