

PRODUCT SPECIFICATION

SPEC. NO.

T-06107-004



1. Scope

This specification applies Ferrite Power Inductors PME3012H-Series-TY to be delivered to user.

2. Product Identification

PME 3012H - 4R7 □ - TY

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

(1) Product name

(2) Shapes and dimensions

(3) Inductance

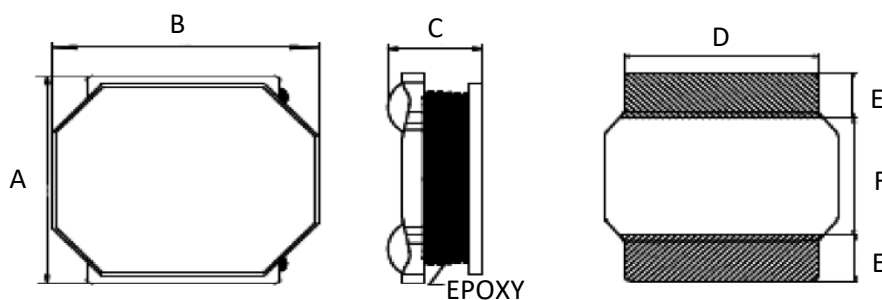
4R7 : 4.7 uH

(4) Tolerance

M=±20% , N=±30%

(5) Taping Type

3. Shapes and Dimensions



A:3.0±0.2 mm
 B:3.0±0.2 mm
 C:1.35 Max. mm
 D:2.55 Ref. mm
 E:1.13 Ref. mm
 F:0.82 Ref. mm

Drawn by	Checked by	Approved by
 Jun. 17. 2022	 Jun. 13. 2022	 Jun. 13. 2022

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4. Electrical Characteristics

4-1 Electrical Spec.

Customer Part Number	Our Product Part Number	Inductance (uH)	Tolerance (±%)	RDC(mΩ)		Isat(A)	Irms(A)
				Max.	Typ.	Typ.	Typ.
	PME3012H-R33□-TY	0.33	N	27	23	7.20	4.10
	PME3012H-R47□-TY	0.47	N	33	28	6.10	4.00
	PME3012H-R68□-TY	0.68	N	40	32	5.80	3.80
	PME3012H-1R0□-TY	1.0	M	54	48	4.00	2.80
	PME3012H-1R5□-TY	1.5	M	74	64	3.20	2.00
	PME3012H-2R2□-TY	2.2	M	108	90	2.20	1.90
	PME3012H-3R3□-TY	3.3	M	150	126	1.70	1.60
	PME3012H-4R7□-TY	4.7	M	230	185	1.50	1.40
	PME3012H-6R8□-TY	6.8	M	340	280	1.40	1.10
	PME3012H-100□-TY	10.0	M	460	380	1.00	0.90

1. When ordering, please specify tolerance and packaging codes. Ex: PME3012H-4R7M-TY

Tolerance : M=±20% , N =± 30%

2. Test Frequency: 1MHz/1V

3. Rated Current Ind. drops of 30% typ. at Isat

4. Temperature Rise: 40°C typ. at Irms