

# PRODUCT SPECIFICATION

SPEC. NO.

T-06107-005



## 1. Scope

This specification applies Ferrite Power Inductors PME4012H-Series-TY to be delivered to user.

## 2. Product Identification

PME 4012H - 4R7 □ - TY

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

(1) Product name

(2) Shapes and dimensions

(3) Inductance

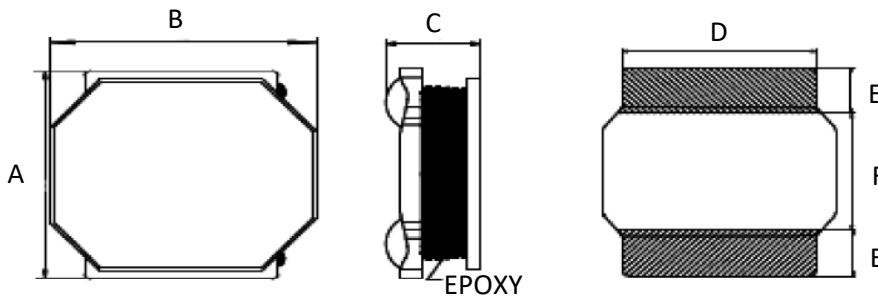
4R7 : 4.7 uH

(4) Tolerance

M=±20% , N=±30%

(5) Taping Type

## 3. Shapes and Dimensions



A:4.0±0.2 mm




B:4.0±0.2 mm

C:1.35 Max. mm

D:3.5 Ref. mm

E:1.3 Ref. mm

F:1.4 Ref. mm

Drawn by	Checked by	Approved by
 Jun. 14, 2022	 Jun. 14, 2022	 Jun. 14, 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.
	PME4012H-R33□-TY	0.33	N	32	26	8.00	4.50
	PME4012H-R47□-TY	0.47	N	40	32	7.50	4.20
	PME4012H-R68□-TY	0.68	N	40	32	5.00	4.10
	PME4012H-1R0□-TY	1.0	M	58	48	4.50	3.50
	PME4012H-1R2□-TY	1.2	M	64	56	4.00	3.20
	PME4012H-1R5□-TY	1.5	M	70	60	3.90	2.60
	PME4012H-2R2□-TY	2.2	M	79	70	2.80	2.50
	PME4012H-3R3□-TY	3.3	M	125	110	2.00	1.90
	PME4012H-4R7□-TY	4.7	M	166	150	1.80	1.70
	PME4012H-6R8□-TY	6.8	M	226	200	1.60	1.50
	PME4012H-100□-TY	10	M	335	300	1.50	1.30
	PME4012H-220□-TY	22.0	M	679	620	0.90	0.85

1. When ordering, please specify tolerance and packaging codes. Ex: PME4012H-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