

PRODUCT SPECIFICATION

SPEC. NO.

T-06107-003



1. Scope

This specification applies Ferrite Power Inductors PME252012L-Series-TY to be delivered to user.

2. Product Identification

PME 252012L - 4R7 □ - TY

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

(1) Product name

(2) Shapes and dimensions

(3) Inductance

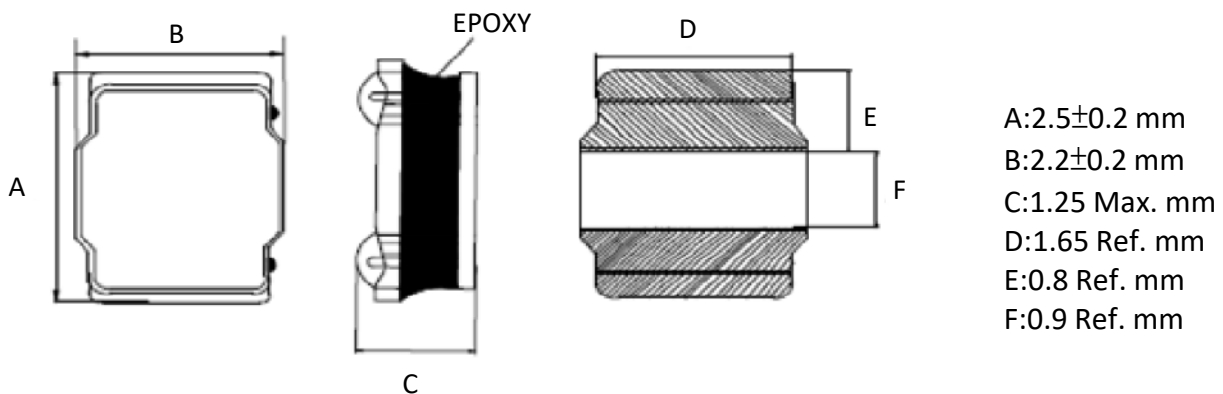
4R7 : 4.7 uH

(4) Tolerance

M=±20% , N=±30%

(5) Taping Type

3. Shapes and Dimensions



Drawn by	Checked by	Approved by
<i>Ch</i> Jun. 7, 2022	<i>Zheng</i> Jun. 7, 2022	<i>Su</i> Jun. 7, 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.
	PME252012L-R24□-TY	0.24	N	30	25	6.50	4.50
	PME252012L-R33□-TY	0.33	N	36	30	5.30	3.20
	PME252012L-R47□-TY	0.47	N	40	35	4.90	3.10
	PME252012L-R68□-TY	0.68	N	50	41	3.85	3.00
	PME252012L-1R0□-TY	1.00	M	60	52	3.80	2.90
	PME252012L-1R5□-TY	1.5	M	86	73	2.90	2.10
	PME252012L-2R2□-TY	2.2	M	115	106	2.60	2.00
	PME252012L-3R3□-TY	3.3	M	190	175	1.90	1.70
	PME252012L-4R7□-TY	4.7	M	235	204	1.80	1.50
	PME252012L-6R8□-TY	6.8	M	380	340	1.15	1.10
	PME252012L-100□-TY	10.0	M	480	450	1.10	1.00
	PME252012L-220□-TY	22.0	M	1080	910	0.70	0.65

1. When ordering, please specify tolerance and packaging codes. Ex: PME252012L-4R7M-TY

Tolerance : M=±20% , N =± 30%

2. Test Frequency: 1MHz/1V

3. Rated Current Ind. drops of 35% typ. at Isat

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