

PRODUCT SPECIFICATION

SPEC. NO.

T-06107-002



1. Scope

This specification applies Ferrite Power Inductors PME252010L-Series-TY to be delivered to user.

2. Product Identification

PME 252010L - 4R7 □ - TY

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

(1) Product name

(2) Shapes and dimensions

(3) Inductance

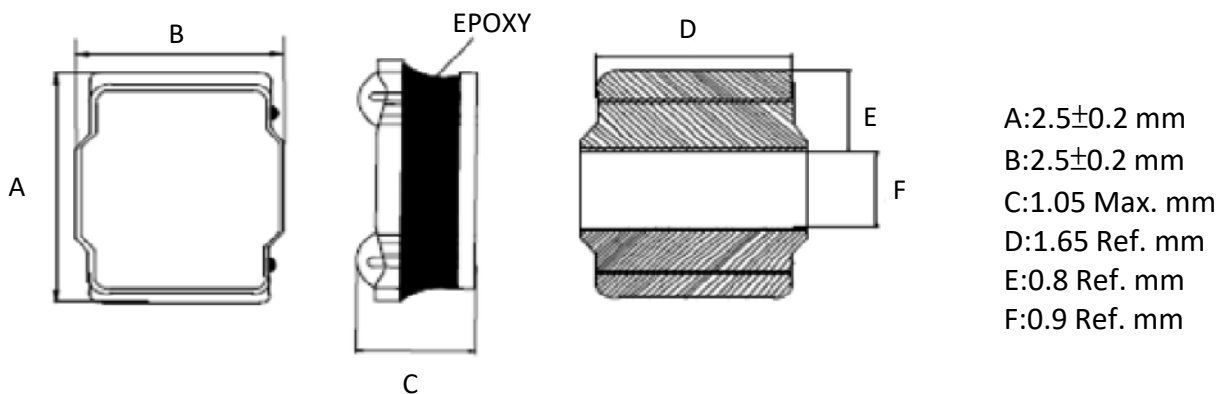
4R7 : 4.7 uH

(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>Li</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.
	PME252010L-R24□-TY	0.24	N	26	21	5.00	4.40
	PME252010L-R33□-TY	0.33	N	35	25	4.80	4.00
	PME252010L-R47□-TY	0.47	N	45	33	4.40	3.40
	PME252010L-R56□-TY	0.56	N	48	39	3.80	3.10
	PME252010L-R68□-TY	0.68	N	59	46	3.20	3.00
	PME252010L-1R0□-TY	1.0	M	76	60	3.10	2.60
	PME252010L-1R5□-TY	1.5	M	106	82	2.60	2.00
	PME252010L-2R2□-TY	2.2	M	155	112	1.90	1.80
	PME252010L-3R3□-TY	3.3	M	235	175	1.60	1.50
	PME252010L-4R7□-TY	4.7	M	276	230	1.30	1.20
	PME252010L-6R8□-TY	6.8	M	430	360	1.10	1.00
	PME252010L-100□-TY	10.0	M	520	465	0.90	0.85

1. When ordering, please specify tolerance and packaging codes. Ex: PME252010L-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