

PRODUCT SPECIFICATION

SPEC. NO.

T-06107-001



1. Scope

This specification applies Ferrite Power Inductors PME201610L-Series-TY to be delivered to user.

2. Product Identification

PME 201610L - 4R7 □ - TY

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

(1) Product name

(2) Shapes and dimensions

(3) Inductance

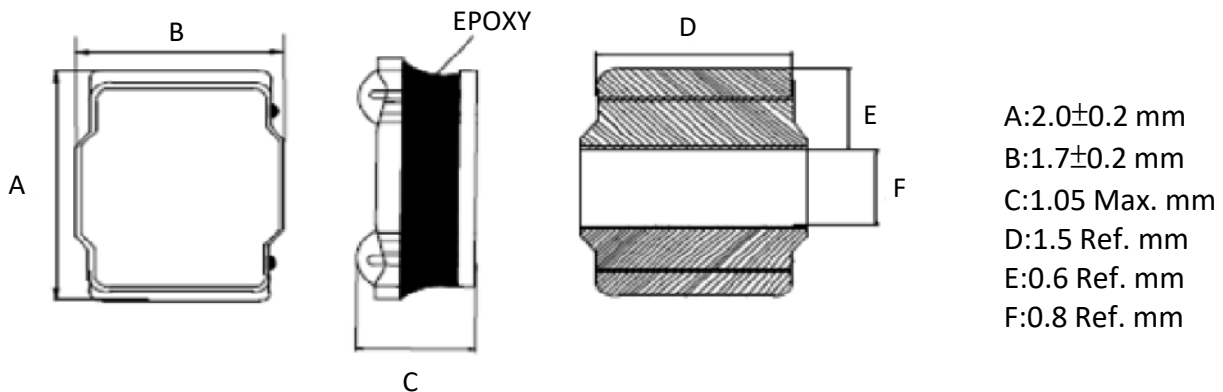
4R7 : 4.7 uH

(4) Tolerance

M=±20% , N=±30%

(5) Taping Type

3. Shapes and Dimensions



| Drawn by | Checked by | Approved by |
|---------------------------|------------------------------|------------------------------|
| <i>Ch</i> Jun. 6. 2022 | <i>Zheny</i> Jun. 6. 2022 | <i>J. Su</i> Jun. 6. 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. |
| | PME201610L-R24□-TY | 0.24 | N | 40 | 34 | 4.50 | 3.15 |
| | PME201610L-R33□-TY | 0.33 | N | 50 | 41 | 4.20 | 3.10 |
| | PME201610L-R47□-TY | 0.47 | N | 55 | 48 | 4.00 | 3.00 |
| | PME201610L-R68□-TY | 0.68 | N | 65 | 56 | 3.50 | 2.80 |
| | PME201610L-1R0□-TY | 1.0 | M | 96 | 84 | 3.35 | 2.20 |
| | PME201610L-1R5□-TY | 1.5 | M | 130 | 105 | 1.95 | 1.80 |
| | PME201610L-2R2□-TY | 2.2 | M | 195 | 165 | 1.90 | 1.50 |
| | PME201610L-3R3□-TY | 3.3 | M | 310 | 263 | 1.40 | 1.20 |
| | PME201610L-4R7□-TY | 4.7 | M | 440 | 385 | 1.20 | 1.00 |
| | PME201610L-6R8□-TY | 6.8 | M | 540 | 460 | 0.90 | 0.85 |
| | PME201610L-100□-TY | 10.0 | M | 826 | 725 | 0.80 | 0.70 |

1. When ordering, please specify tolerance and packaging codes. Ex: PME201610L-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