

# PRODUCT SPECIFICATION

SPEC. NO.

T-0648-097



## 1. Scope

This specification applies Ferrite Power Inductors PIE3015H-Series-TY to be delivered to user.

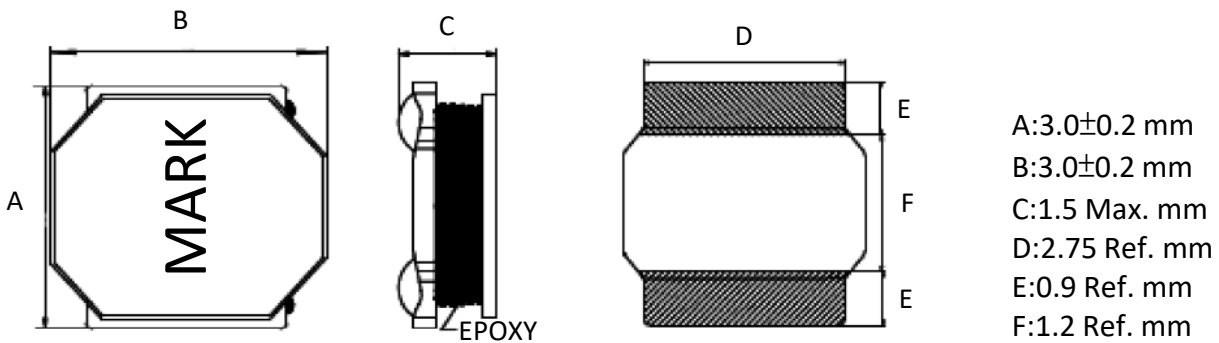
## 2. Product Identification

PIE 3015H - 4R7 □ - TY

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

- (1) Product name
- (2) Shapes and dimensions
- (3) Inductance  
4R7 : 4.7 uH
- (4) Tolerance  
M=±20%
- (5) Taping Type

## 3. Shapes and Dimensions



Drawn by	Checked by	Approved by
<i>Ch</i> Jun. 14, 2022	<i>Zheng</i> Jun. 14, 2022	<i>Su</i> Jun. 14, 2022

# PRODUCT SPECIFICATION

SPEC. NO.

T-0648-097



## 4. Electrical Characteristics

### 4-1 Electrical Spec.

Customer Part Number	Our Product Part Number	Inductance (uH)	Tolerance (±%)	RDC(mΩ)		Isat(A)	Irms(A)	Marking
				Max.	Typ.	Typ.	Typ.	
	PIE3015H-1R0□-TY	1.0	M	48	40	2.80	2.50	1R0
	PIE3015H-1R5□-TY	1.5	M	65	50	2.10	2.00	1R5
	PIE3015H-2R2□-TY	2.2	M	78	65	1.60	1.50	2R2
	PIE3015H-3R3□-TY	3.3	M	104	90	1.30	1.20	3R3
	PIE3015H-4R7□-TY	4.7	M	160	135	1.20	1.10	4R7
	PIE3015H-6R8□-TY	6.8	M	234	206	0.85	0.80	6R8
	PIE3015H-100□-TY	10.0	M	330	260	0.70	0.60	100
	PIE3015H-150□-TY	15.0	M	430	350	0.60	0.50	150
	PIE3015H-220□-TY	22.0	M	580	480	0.55	0.50	220
	PIE3015H-330□-TY	33.0	M	1050	835	0.44	0.40	330
	PIE3015H-470□-TY	47.0	M	1500	1150	0.35	0.30	470
	PIE3015H-680□-TY	68.0	M	2400	1850	0.26	0.25	680
	PIE3015H-101□-TY	100.0	M	3900	3100	0.20	0.18	101

1. When ordering, please specify tolerance and packaging codes. Ex: PIE3015H-4R7M-TY

Tolerance : M=±20%

2. Test Frequency: 100KHz/0.25V

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

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