

PRODUCT SPECIFICATION

SPEC. NO.

T-0648-095



1. Scope

This specification applies Ferrite Power Inductors PIE3010H-Series-TY to be delivered to user.

2. Product Identification

PIE 3010H - 4R7 □ - TY

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

(1) Product name

(2) Shapes and dimensions

(3) Inductance

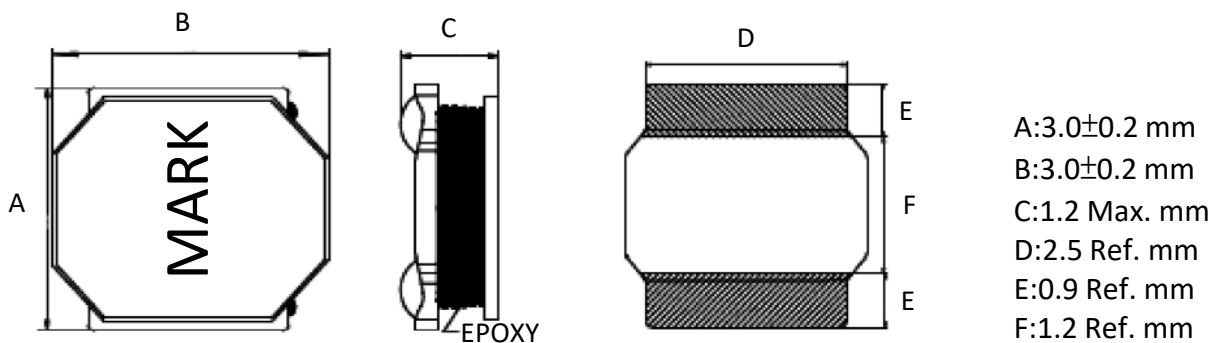
4R7 : 4.7 uH




(4) Tolerance

M=±20% , N=±30%

(5) Taping Type

3. Shapes and Dimensions



Drawn by	Checked by	Approved by
 Jun. 8. 2022	 Jun. 8. 2022	 Jun. 8. 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)	Marking
				Max.	Typ.	Typ.	Typ.	
	PIE3010H-1R0□-TY	1.0	M	80	60	2.30	2.10	1R0
	PIE3010H-1R5□-TY	1.5	M	100	75	2.10	2.00	1R5
	PIE3010H-2R2□-TY	2.2	M	140	115	1.60	1.50	2R2
	PIE3010H-3R3□-TY	3.3	M	189	160	1.30	1.20	3R3
	PIE3010H-4R7□-TY	4.7	M	280	215	1.10	1.00	4R7
	PIE3010H-6R8□-TY	6.8	M	380	300	0.95	0.90	6R8
	PIE3010H-100□-TY	10.0	M	520	465	0.75	0.70	100
	PIE3010H-150□-TY	15.0	M	850	750	0.60	0.50	150
	PIE3010H-220□-TY	22.0	M	1300	1000	0.50	0.45	220
	PIE3010H-330□-TY	33.0	M	2050	1600	0.40	0.35	330
	PIE3010H-470□-TY	47.0	M	2500	2000	0.35	0.30	470

1. When ordering, please specify tolerance and packaging codes. Ex: PIE3010H-4R7M-TY

Tolerance : M=±20% , N =± 30%

2. Test Frequency: 100KHz/0.25V

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

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