Molded Inductors, Axial Leads



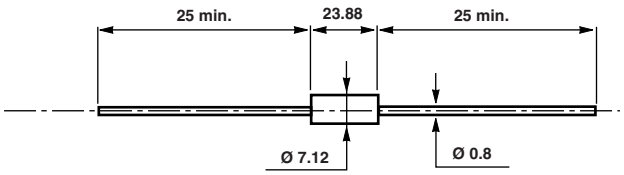
FEATURES

- Accurate dimensions
- Superior moisture protection
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

RoHS COMPLIANT

These inductors have copper winding on magnetic core structure.

DIMENSIONS in millimeters (± 0.5)



STANDARD ELECTRICAL SPECIFICATIONS

MODEL	INDUCTANCE RANGE µH	RATED POWER $P_{70\ °C}$ W	LIMITING ELEMENT VOLTAGE V_{RMS}	TOLERANCE (1) ± %	Q RANGE	I RANGE mA
TR026	1.2 to 1000	0.750	500	10	35 to 80	170 to 3150

MECHANICAL SPECIFICATIONS

Coating	Molded epoxy
Weight	3.5 g

PACKAGING

Standard: tape and reel 500 pieces, code R10 (R)
On request: 250 pieces tape in box “ammopack”, code A15 (B)

ENVIRONMENTAL SPECIFICATIONS

Operating temperature range	0 °C to +70 °C
Temperature limits	-55 °C +125 °C

MARKING

Standard:
print marked-manufacturer, inductance value, tolerance

ORDERING INFORMATION (part number)

T	R	0	2	6	1	R	5	K	R	1	0						

MODEL	STYLE	VALUE	TOLERANCE	PACKAGING	SPECIAL
TR	**026**	From 1.2 µH to 1000 µH **1R5** = 1.5 µH	**K**: ± 10 %	**R10** = reel 500 pieces On request: **A15** = ammopack 250 pieces	Special code given by Vishay

PART NUMBER DESCRIPTION (for information only)

TR	026	1.5 µH	10 %	R		e1
MODEL	STYLE	VALUE	TOLERANCE	PACKAGING	SPECIAL	LEAD (Pb)-FREE

For technical questions, contact: sferaztronics@vishay.com

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STANDARD VALUES						
INDUCTANCE VALUE µH	TOLERANCE %	Q MIN.	TEST FREQUENCY MHz	RESISTANCE MAX. Ω	SRF MIN. MHz	I MAX. mA
1.2	± 10 %	45	7.9	0.075	170	3150
1.5	± 10 %	45	7.9	0.090	160	2850
1.8	± 10 %	45	7.9	0.135	140	2350
2.2	± 10 %	45	7.9	0.160	125	2170
2.7	± 10 %	45	7.9	0.220	115	1850
3.3	± 10 %	45	7.9	0.330	100	1500
3.9	± 10 %	45	7.9	0.450	95	1290
4.7	± 10 %	45	7.9	0.560	90	1160
5.6	± 10 %	45	7.9	0.745	80	1005
6.8	± 10 %	45	7.9	1.05	75	845
8.2	± 10 %	45	7.9	1.40	68	720
10	± 10 %	45	7.9	1.90	60	630
12	± 10 %	35	2.5	2.65	53	530
15	± 10 %	35	2.5	3.25	50	480
18	± 10 %	35	2.5	4.15	45	425
22	± 10 %	40	2.5	0.295	25	1600
27	± 10 %	50	2.5	0.32	26	1530
33	± 10 %	50	2.5	0.45	24	1290
39	± 10 %	50	2.5	0.65	22	1070
47	± 10 %	60	2.5	0.85	20	940
56	± 10 %	60	2.5	1.1	18	825
68	± 10 %	65	2.5	1.6	16	685
82	± 10 %	65	2.5	2	15	610
100	± 10 %	70	2.5	2.5	14	545
120	± 10 %	70	0.79	3.7	13	450
150	± 10 %	80	0.79	4.2	11	420
180	± 10 %	80	0.79	4.5	10	405
220	± 10 %	80	0.79	5	9	385
270	± 10 %	80	0.79	6.5	8	340
330	± 10 %	70	0.79	7.5	7.4	315
390	± 10 %	60	0.79	8.5	7	295
470	± 10 %	65	0.79	11.5	6.8	255
570	± 10 %	65	0.79	13.5	6.5	235
680	± 10 %	60	0.79	15.2	5.8	220
820	± 10 %	65	0.79	22	5	180
1000	± 10 %	65	0.79	25	4.7	170

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