



TR026

Series :
55000 to 55099

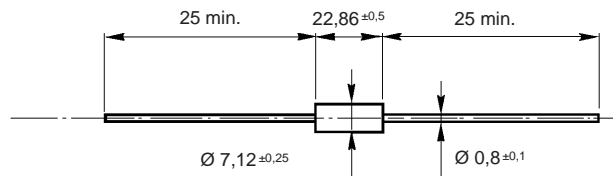
molded inductors – axial leads

NF C 93-331



These inductors conform to NF C 93-331 regulation. They have copper winding on magnetic core structure with tinned copper lead terminals. Depending on inductance value core is either phenolic material, iron powder or ferrite.

- ACCURATE DIMENSIONS
- SUPERIOR MOISTURE PROTECTION
- FLAME RETARDANT COATING
- HIGH REL ON REQUEST



Dimensions in mm

SPECIFICATIONS

MECHANICAL

COATING... flame retardant
molded epoxy
TERMINALS... tinned copper
WEIGHT... 3,5 g

ENVIRONMENTAL

OPERATING TEMPERATURE
RANGE... +70°C
TEMPERATURE LIMITS... -55°C +125°C

ELECTRICAL

INDUCTANCE RANGE... 1,2 µH to 1000 µH
TOLERANCE... ± 10% standard
on request ... ± 5% 1 µH < L ≤ 1000 µH
± 2% 1 µH < L ≤ 1000 µH
MAXIMUM VOLTAGE... 500 V RMS
POWER RATING... 750 mW at +70°C

MARKING

Standard : printed in clear manufacturer, inductance value, tolerance, or 4 color bands.

PACKAGING

Standard : tape packaging
250 pieces tape in box "Ammopack"
500 pieces tape and reel
On request : 250 pieces bulk pack.

ORDERING PROCEDURE



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TR 026 INDUCTORS - STANDARD VALUES

Table 1

Inductance value µH	Tolerance %	Q min.	Test frequency MHz	DCR max. Ω	SRF min. MHz	I max. mA
1,2	± 10%	60	7,9	0,075	170	3150
1,5				0,090	2850	
1,8				0,135	2350	
2,2				0,160	2170	
2,7				0,220	1850	
3,3				0,330	1500	
3,9				0,450	1290	
4,7				0,560	1160	
5,6				0,745	1005	
6,8				1,05	845	
8,2		↓	↓	1,40	68	720
10		60	7,9	1,90	60	630
12		40	2,5	2,65	53	530
15		40		3,25	50	480
18		40		4,15	45	425
22		50		0,295	25	1600
27		60		0,32	26	1530
33		60		0,45	24	1290
39		60		0,65	22	1070
47		70		0,85	20	940
56		70		1,1	18	825
68		80		1,6	16	685
82		80	↓	2	15	610
100		85	2,5	2,5	14	545
120		85	0,79	3,7	13	450
150		95		4,2	11	420
180		95		4,5	10	405
220		95		5	9	385
270		95		6,5	8	340
330		85		7,5	7,4	315
390		75		8,5	7	295
470		80		11,5	6,8	255
570		80		13,5	6,5	235
680		75		15,2	5,8	220
820	↓	80	↓	22	5	180
1000	± 10%	80	0,79	25	4,7	170



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