



TRB021

Series :
54200 to 54299

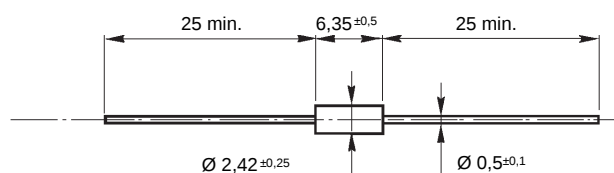
molded shielded inductors LNZ
GAM-T-1
lists

- axial leads
- high frequency and noise suppression applications



These inductors 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
- MAGNETIC SHIELDED
- HIGH REL ON REQUEST



Dimensions in mm

SPECIFICATIONS

MECHANICAL

COATING... molded epoxy compound
TERMINALS... tinned copper
WEIGHT... 0,5 g

ENVIRONMENTAL

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

ELECTRICAL

INDUCTANCE RANGE... 0,1 µH to 47 µH
TOLERANCE... ± 10% standard
MAXIMUM VOLTAGE... 100 V RMS
POWER RATING... 180 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

SERIES	STYLE	INDUCTANCE VALUE	TOLERANCE	PACKAGING	COLOR BANDS MARKING
TRB	021	1,2 µH	± 10%	B	optional
			± 10% ± 5% ± 2%	R : tape and reel B : tape in box "Ammopack"	

Inductance value μH	Tolerance %	Q min.	Test frequency MHz	DCR max. Ω	SRF min. MHz	I max. mA
0,10	$\pm 10\%$	30	25	0,10	200	1340
0,12	$\uparrow$			0,13		1175
0,15				0,15		1100
0,18				0,20		945
0,22				0,25		850
0,27				0,28		800
0,33				0,30		775
0,39				0,32		750
0,47				0,35	$\downarrow$	720
0,56				0,50	200	600
0,68				0,52	195	590
0,82			$\downarrow$	0,65	190	525
1		$\downarrow$	25	0,70	180	510
1,2		30	7,9	0,22	120	905
1,5		50		0,25	100	850
1,8				0,30	95	775
2,2				0,35	80	720
2,7		$\downarrow$		0,44	80	645
3,3		50		0,50	75	600
3,9		45		0,55	65	570
4,7				0,85	62	460
5,6				1,15	50	395
6,8				1,70	45	325
8,2			$\downarrow$	1,90	43	305
10			7,9	2,10	43	290
12			2,5	2,20	35	285
15				3	34	245
18				1,80	32	315
22				1,90	26	305
27				2	25	300
33				2,10	24	285
39	$\downarrow$	$\downarrow$	$\downarrow$	2,45	22	270
47	$\pm 10\%$	45	2,5	2,80	20	255