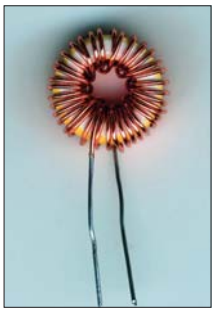
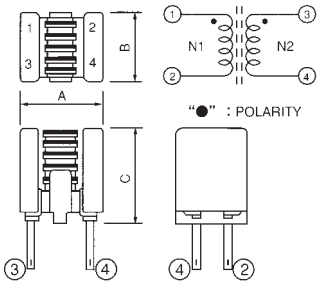
FERRITE CORE

TOROIDAL COILS

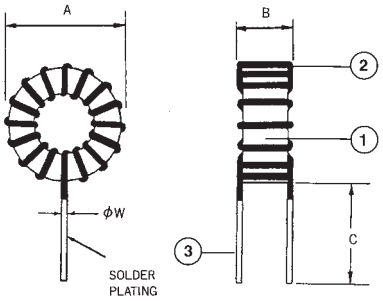
TR



TR 0808-TYPE



TR-TYPE



STRUCTURE

1 Toroidal ferrite core
2 Winding wire
3 Lead wire

Products with Pb-free terminations meet RoHS requirements

TYPE DESIGNATION (HOW TO ORDER)

Old Part No.	TR	1307		M	BA*	100		1A
New Part No. (Pb-free)	TR	1307	T			100	M	
	PRODUCT CODE	STYLE mm (diameter/width)	TERMINATION SURFACE MATERIAL T: Sn L: Sn/Pb	INDUCTANCE TOLERANCE M(±20%) Y(±35%)	PACKAGING Blank: Bulk *Please see "PACKAGING"	NOMINAL INDUCTANCE 3 digits Unit: μH	INDUCTANCE TOLERANCE M(±20%) Y(±35%)	ALLOWABLE DC CURRENT Unit: A

FEATURES

- The below mentioned characteristic values are representative examples and can be changed in accordance with the customers requirements
- Excellent filter characteristics
- Clear coating or tube cover is available
- TR: Normal mode choke coils for general power supplies
- TR 0808: Common mode choke coils
- For switching power supplies the TRH-series is also available
- Measuring frequency: 1 kHz
- Operating temperature range: -25°C ... +80°C

RATING

TYPE	NOMINAL INDUCTANCE	INDUCTANCE TOLERANCE	DC RESISTANCE (Max.)	ALLOWABLE DC CURRENT (Max.)	DIMENSIONS (mm) A (Max.)	B (Max.)	C ± 4	W ± 0.1
TR 1307 100 M	10 μH	M (± 20 %)	0.08 Ω	1.0 A	13	7	10	0.45
TR 1409 100 M			0.06 Ω	2.0 A	14	9		0.6
TR 1710 100 M			0.03 Ω	3.0 A	17	10	15	0.8
TR 1912 100 M			0.04 Ω	4.0 A	19	12		1.0
TR 1913 100 M			0.03 Ω	5.0 A		13		
TR 2716 100 M				10.0 A	27	16	20	1.6
TR 1508 250 M	25 μH		0.15 Ω	1.0 A	15	8	15	0.45
TR 1610 250 M			0.08 Ω	2.0 A	16	10		0.6
TR 1812 250 M			0.06 Ω	3.0 A	18	12		0.8
TR 2313 250 M				4.0 A	23	13		1.0
TR 2415 250 M			0.05 Ω	5.0 A	24	15		
TR 3019 250 M			0.04 Ω	10.0 A	30	19	20	1.6
TR 1709 500 M	50 μH		0.20 Ω	1.0 A	17	9	15	0.45
TR 1610 500 M			0.12 Ω	2.0 A	16	10		0.6
TR 2413 500 M			0.09 Ω	3.0 A	24	13		0.8
TR 2415 500 M				4.0 A		15		1.0
TR 2816 500 M			0.08 Ω	5.0 A	28	16	20	
TR 3421 500 M			0.05 Ω	10.0 A	34	21	25	1.6
TR 1809 101 M	100 μH		0.27 Ω	1.0 A	18	9	15	0.45
TR 1810 101 M			0.18 Ω	2.0 A		10		0.6
TR 2514 101 M			0.17 Ω	3.0 A	25	14		0.8
TR 2616 101 M			0.12 Ω	4.0 A	26	16	20	1.0
TR 3018 101 M			0.10 Ω	5.0 A	30	18		
TR 4221 101 M			0.08 Ω	10.0 A	42	21	25	1.6
TR 1810 251 M	250 μH		0.48 Ω	1.0 A	18	10	15	0.5
TR 2411 251 M			0.25 Ω	2.0 A	24	11		0.7
TR 3017 251 M			0.20 Ω	3.0 A	30	17	20	0.9
TR 3421 251 M			0.15 Ω	4.0 A	34	21	25	1.0
TR 4120 251 M			0.16 Ω	5.0 A	41	20		1.2
TR 2311 501 M	500 μH		0.54 Ω	1.0 A	23	11	15	0.5
TR 3016 501 M			0.36 Ω	2.0 A	30	16	20	0.7
TR 3419 501 M			0.25 Ω	3.0 A	34	19	25	0.9
TR 0808 450 Y	45 μH	Y (± 35 %)	0.12 Ω	0.5 A	7.6	6.5	9.0 Max.	–
TR 0808 650 Y	65 μH		0.15 Ω					
TR 0808 820 Y	82 μH		0.18 Ω					