



TRF SERIES

Common Mode Toroids

TRF2516, TRF3015, TRF4222, TRF5927

FEATURES

- Low Profile series common mode toroids meets critical filtering requirements where installation profiles are at a premium.
- UL94V-0 materials used.
- Toroids meets IEC, VDE and CSA specifications

OPTIONS

- Bulk packaging Standard
- Tolerance: 10% is standard
- Lower tolerances available.

APPLICATIONS

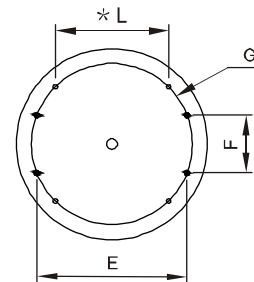
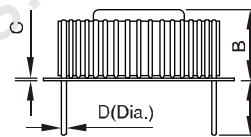
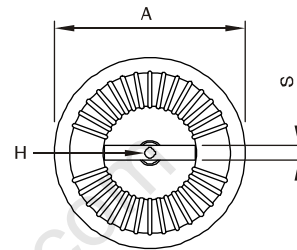
- Power Line Filters
- Suppress EMI in SMPS
- Linear Power Supply Filter

TRF-5216 Series P/N	Rated Current Amps (rms)	Inductance 10KHz (mH) -0 ±60%	Max. DCR Ohm @+20°C	Leakage Inductance μH typ.	D ∅ Diameter (IN) nom.
TRF-2516-2.7-1	1	2.7	0.07	19	0.51
TRF-2516-4.7-1	1	4.7	0.1	35	0.51
TRF-2516-10-1	1	10.1	0.12	62	0.51
TRF-2516-1.0-1	2	1	0.026	7.5	0.64
TRF-2516-3.9-1	2	3.9	0.05	27	0.64
TRF-2516-6.8-1	2	6.8	0.068	44	0.64

TRF-3015 Series P/N	Rated Current Amps (rms)	Inductance 10KHz (mH) -0 ±60%	Max. DCR Ohm @+20°C	Leakage Inductance μH typ.	D ∅ Diameter (IN) nom.
TRF-3015-4.7-2	2	4.7	0.084	56	0.64
TRF-3015-8.2-2	2	8.2	0.09	59	0.64
TRF-3015-15-2	2	15	0.11	98	0.64
TRF-3015-1.2-4	4	1.2	0.036	17	0.74
TRF-3015-2.2-4	4	2.2	0.04	18	0.74
TRF-3015-3.9-4	4	3.9	0.054	22	0.74

TRF-4222 Series P/N	Rated Current Amps (rms)	Inductance 10KHz (mH) -0 ±60%	Max. DCR Ohm @+20°C	Leakage Inductance μH typ.	D ∅ Diameter (IN) nom.
TRF-4222-18.0-2	2	18	0.19	209	0.64
TRF-4222-27.0-2	2	27	0.25	375	0.64
TRF-4222-56.0-2	2	56	0.34	604	0.64
TRF-4222-8.2-4	4	8.2	0.1	96	0.74
TRF-4222-15.0-4	4	15	0.14	179	0.74
TRF-4222-6.8-6	6	6.8	0.08	7	0.81

TRF-9527 Series P/N	Rated Current Amps (rms)	Inductance 10KHz (mH) -0 ±60%	Max. DCR Ohm @+20°C	Leakage Inductance μH typ.	D ∅ Diameter (IN) nom.
TRF-5927-39-2	2	39	0.32	552	0.64
TRF-5927-62-2	2	62	0.39	440	0.64
TRF-5927-120-2	2	120	0.49	925	0.64
TRF-5927-18-4	4	18	0.17	252	0.74
TRF-5927-33-4	4	33	0.23	486	0.74
TRF-5927-15-6	6	15	0.12	193	0.81



* L: standoffs 1.58 × 0.81—4places

Part No.	A max	B max	C Typ	D (dia)	E	F Typ	G (dia)	S Typ	H dia. ±0.13
TRF-2516	25.65	15.95	0.81	see table	20.88	7.62	22.10	3.05	N/A
TRF-3015	31.09	14.91	0.81		27.18	8.38	27.94	3.05	N/A
TRF-4222	43.43	22.15	0.81		35.92	12.7	38.10	3.05	N/A
TRF-5927	58.93	27.23	0.81		52.32	12.7	53.85	3.05	N/A

