

EMC Components

TF Series

Common Mode Choke Coils(Line Filters) for AC Power Supply Toroidal Core Type

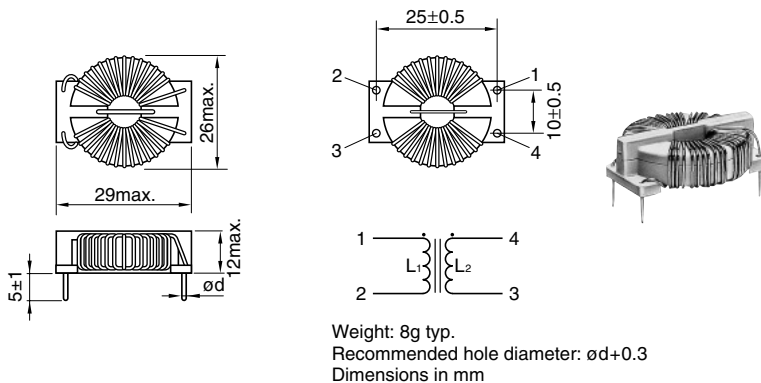
HORIZONTAL TYPE

TF SERIES

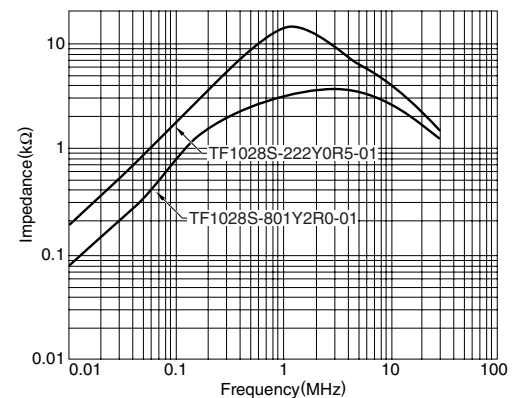
FEATURES

- This series uses a high permeability toroidal ferrite core and therefore provides large inductance with a small number of windings.
- This filter provides the required inductance with a smaller number of windings. Therefore its stray capacity is small and it maintains the impedance required to effectively suppress high frequency noises.
- The windings are made on top of a two-section insulation cover, giving excellent withstand voltage.
- Products mounted on a base with fixed leads are easy to insert to circuit boards.

TF1028S(HORIZONTAL TYPE WITH TERMINAL BASE) TYPE SHAPES AND DIMENSIONS/CIRCUIT DIAGRAM



TYPICAL ELECTRICAL CHARACTERISTICS IMPEDANCE vs. FREQUENCY CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

Part No.	Inductance (mH)min.	L1-L2 inductance difference (μH)max.	DC resistance (Ω)max.	Rated current Iac (A)max.	Dimensions(mm)
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TF1028S-222Y0R5-01	2.2	50	0.2	0.5	0.4
TF1028S-162Y1R3-01	1.6	50	0.2	1.3	0.4
TF1028S-102Y1R5-01	1	50	0.1	1.5	0.45
TF1028S-801Y2R0-01	0.8	50	0.1	2	0.5
TF1028S-451Y3R0-01	0.45	50	0.06	3	0.6