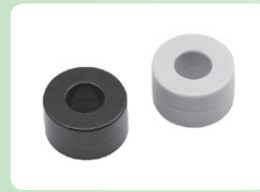


# Toroidal Cores with Case

[RoHS Compliant]



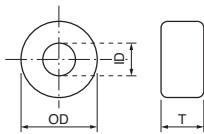
Model	Dimensions(mm)			Frequency range		Remarks	Color of case	Compatible toroidal core (bare type)
	OD	ID	T	up to 10MHz (mainly AM band range)	up to 300MHz (mainly FM band range)			
ESD-R-12D	12.9	6.0	6.4		●		black	ESD-R-12S
ESD-R-19	19.0	9.0	11.0	●			white	ESD-R-19S
ESD-R-19D	19.0	9.0	11.0		●		black	ESD-R-19SD
ESD-R-25	26.0	14.0	15.0	●			white	ESD-R-25S
ESD-R-25D	26.0	14.0	15.0		●		black	ESD-R-25SD
ESD-R-38	39.0	17.5	14.0	●			white	ESD-R-38D
ESD-R-38C-1	39.0	17.5	14.0		●	with tape(black)	white	—
ESD-R-47	48.0	25.5	16.0	●			white	ESD-R-47S
ESD-R-47D-1	48.0	25.5	16.0		●	with tape(black)	white	—
ESD-R-57	61.0	32.4	24.0	●			white	ESD-R-57S
ESD-R-57D-1	61.0	32.4	24.0		●	with tape(black)	white	—

\* Above frequency range is a reference only. Please test with actual device before use.

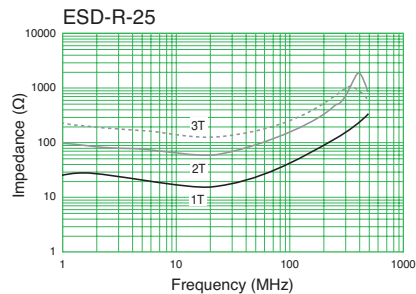
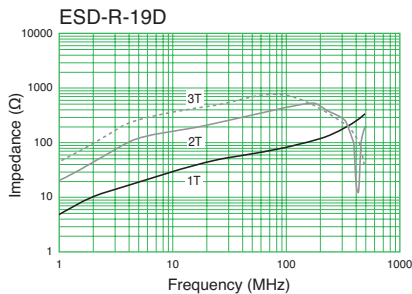
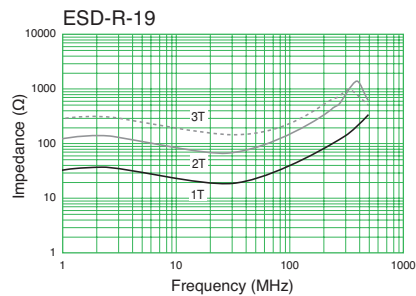
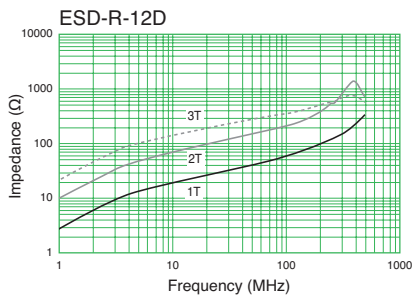
\* Flame resistant grade of the case : UL94 V-2

### Shape and Dimensions

● ESD-R Series

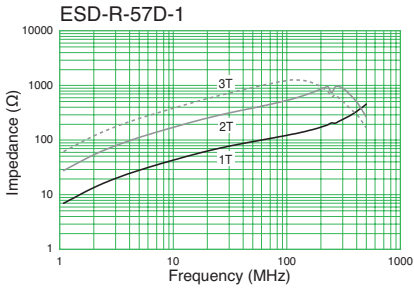
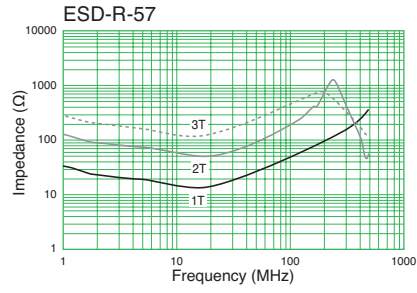
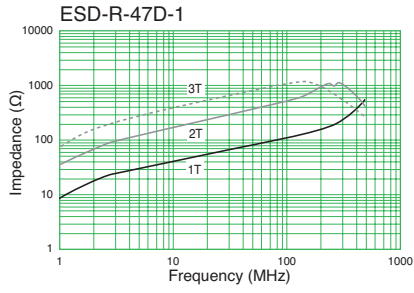
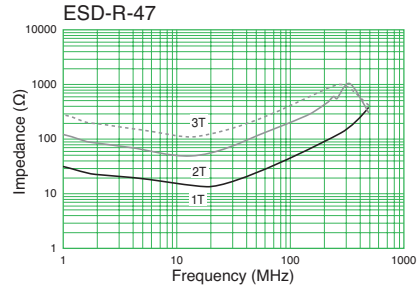
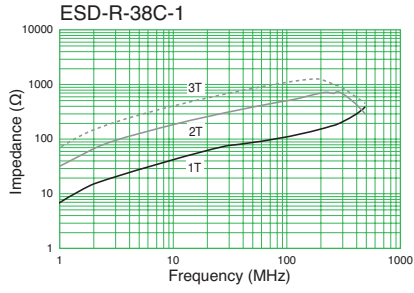
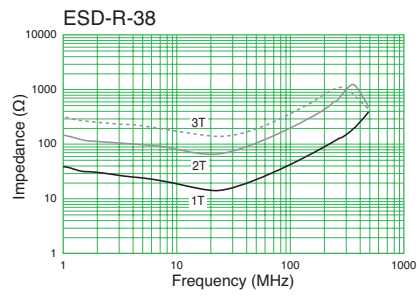
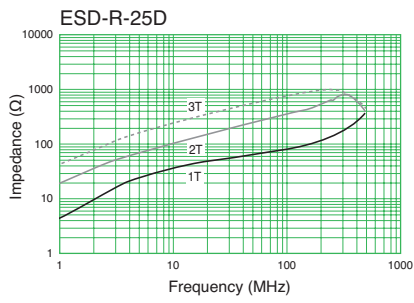


### Impedance vs. Frequency



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.

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