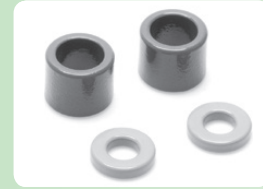


Toroidal Cores (Coated Type)

[RoHS Compliant]

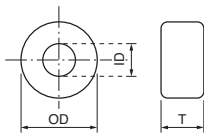


Model	Dimensions(mm)			Frequency range		Color of coating	Compatible toroidal core (bare type)
	OD	ID	T	up to 10MHz (mainly AM band range)	up to 300MHz (mainly FM band range)		
ESD-R-12C-2	12.0	7.3	15.3		●	Blue	
ESD-R-14A	15.0	6.2	3.5	●		Green	—
ESD-R-14C-2	14.0	7.0	3.0		●	Blue	ESD-R-14C
ESD-R-15C	15.2	10.5	12.5		●	Blue	ESD-R-15C-1
ESD-R-17S-1	17.7	9.4	28.8		●	Blue	ESD-R-17S
ESD-R-19E-1	19.0	10.7	5.3		●	Blue	—
ESD-R-25D-8	25.0	15.0	8.0		●	Blue	—
ESD-R-25L-A	25.3	15.1	12.1		●	Blue	ESD-R-25SD
ESD-R-28C-1	28.2	15.8	13.2		●	Blue	—
ESD-R-31C-1	32.0	19.5	9.0		●	Green	ESD-R-31C
ESD-R-31-P	32.0	19.0	15.8	●		Green	

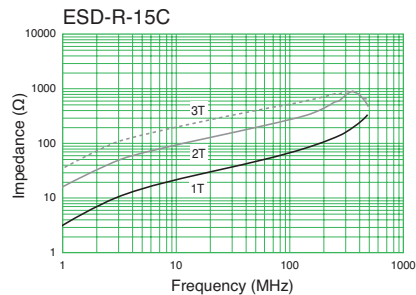
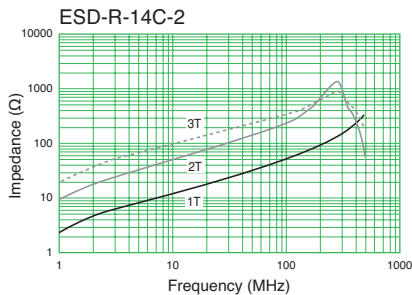
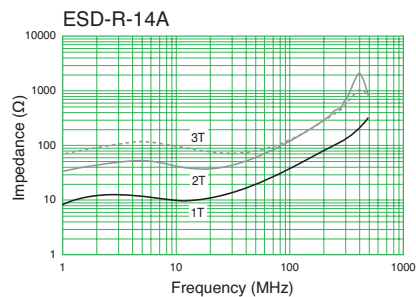
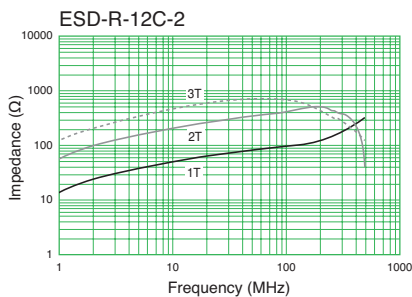
* Above frequency range is a reference only. Please test with actual device before use.

Shape and Dimensions

● ESD-R Series

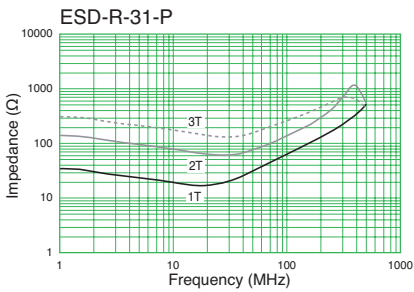
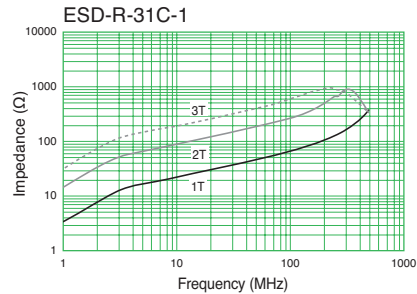
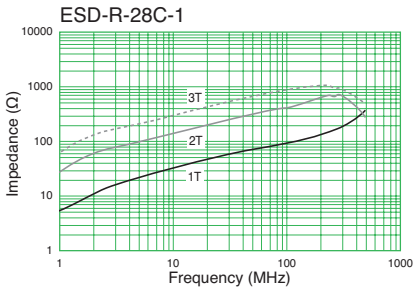
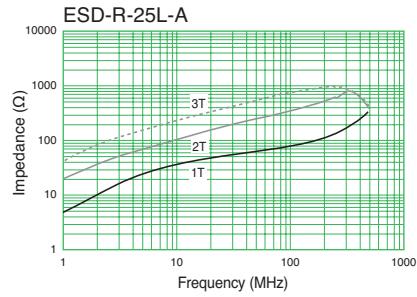
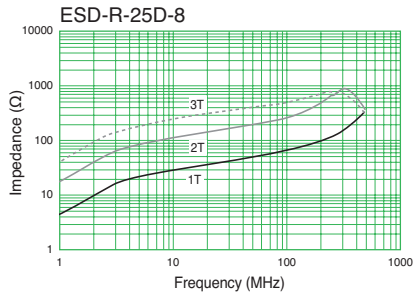
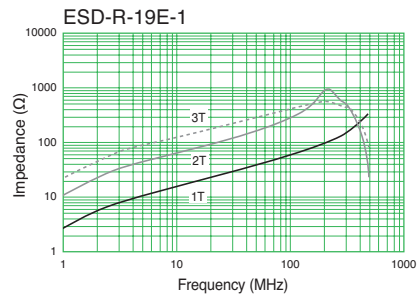
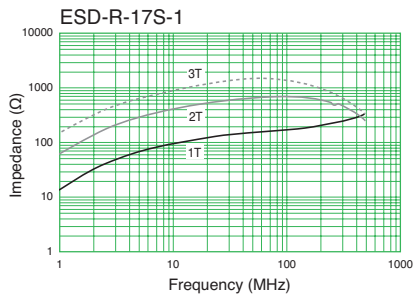


Impedance vs. Frequency



- 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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