

## SCM Series

### SMD Common Mode Line Filter Size 9250



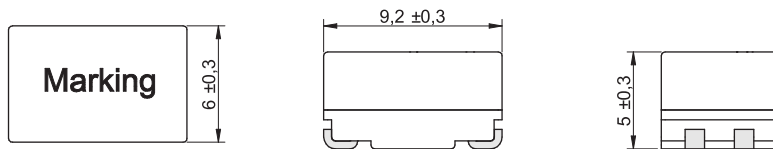
#### FEATURES

- Chip common mode filter for large current applications.
- Low profile design makes it optimal for surface mounting.
- Operating temperature -40~+125°C

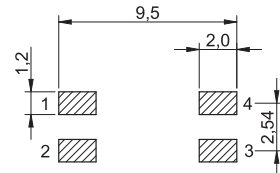
#### FEATURES

- Power line noise countermeasure for various electronic equipment
- Noise countermeasure for adapter lines and battery lines or larger electronic equipment such as note PCs and word processors

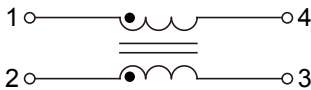
#### Dimensions: [mm]



#### Land Pattern: [mm]



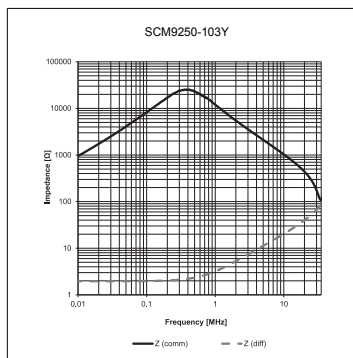
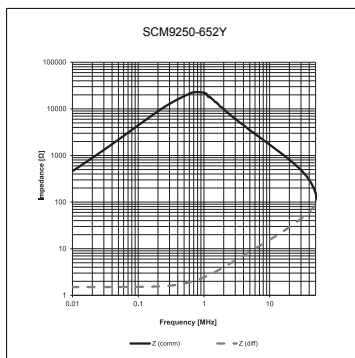
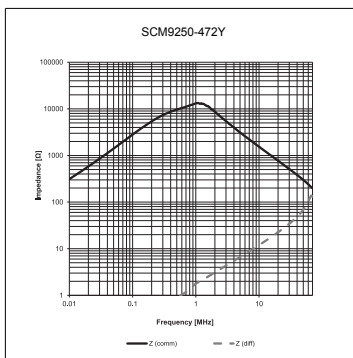
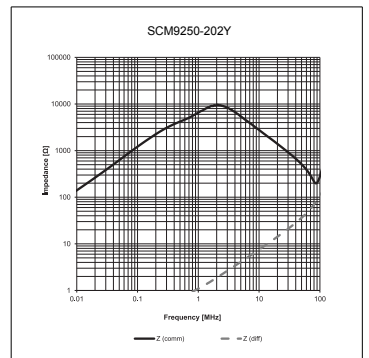
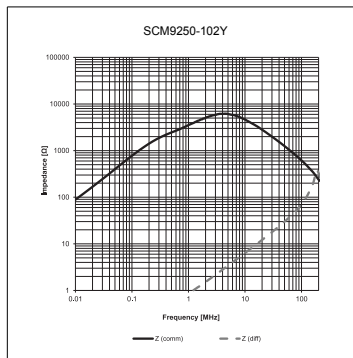
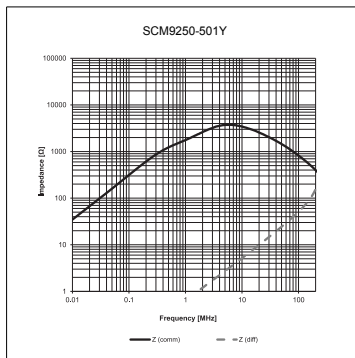
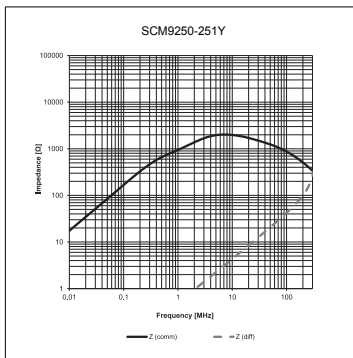
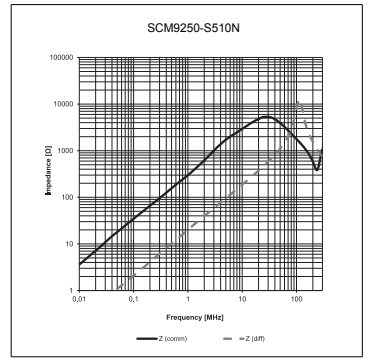
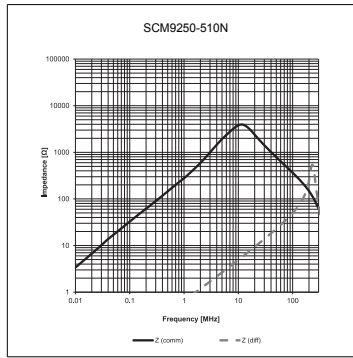
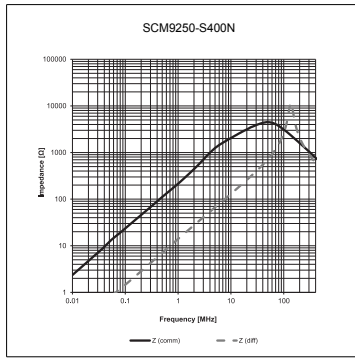
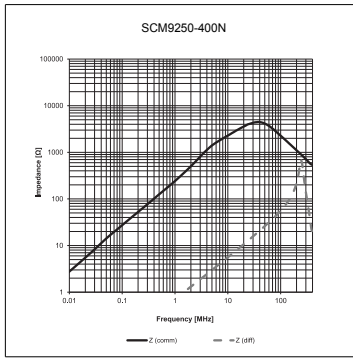
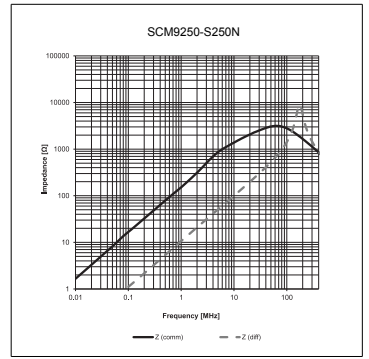
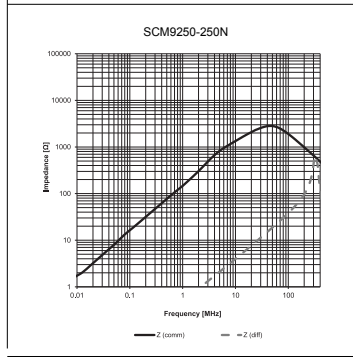
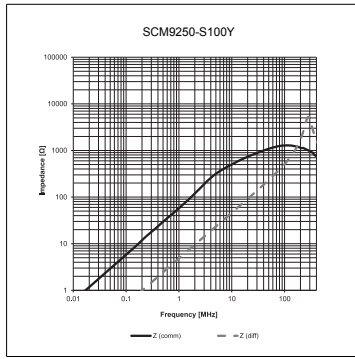
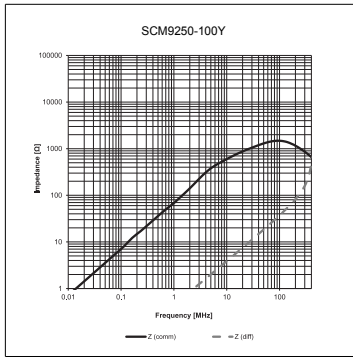
#### Schematic:



#### Electrical Properties:

Part No	Inductance (μH)	Tol.	Rated Current (A)	DCR (Ω)	Test Condition
SCM9250-100Y	10	+50% / -30%	1.6	0.08	1kHz/0.1V
SCM9250-S100Y	10	+50% / -30%	1.6	0.08	1kHz/0.1V
SCM9250-250N	25	±30%	1.0	0.12	1kHz/0.1V
SCM9250-S250N	25	±30%	1.0	0.12	1kHz/0.1V
SCM9250-400N	40	±30%	0.9	0.25	1kHz/0.1V
SCM9250-S400N	40	±30%	0.9	0.25	1kHz/0.1V
SCM9250-510N	51	±30%	1.0	0.16	1kHz/0.1V
SCM9250-S510N	51	±30%	1.0	0.16	1kHz/0.1V
SCM9250-251Y	250	±50%	1.2	0.13	100kHz/0.1V
SCM9250-501Y	500	±50%	1.0	0.15	100kHz/0.1V
SCM9250-102Y	1000	±50%	0.8	0.31	100kHz/0.1V
SCM9250-202Y	2000	±50%	0.6	0.42	100kHz/0.1V
SCM9250-472Y	4700	±50%	0.5	0.75	100kHz/0.1V
SCM9250-652Y	6500	±50%	0.4	0.95	10kHz/0.1V
SCM9250-103Y	10000	±50%	0.35	1.2	10kHz/0.1V

Typical Electrical Characteristics:



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