

**SCM Series**  
**SMD Common Mode Line Filter**  
**Size 9250**



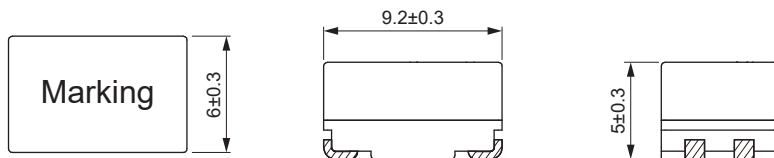
**FEATURES**

- Chip common mode filter for large current applications.
- Low profile design makes it optimal for surface mounting.
- Operating temperature -40~+125 °C
- Quantity:1000pcs

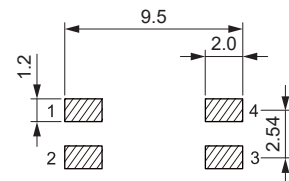
**APPLICATIONS**

- 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 Max. (A)	DCR Max. (Ω)	Rated Volt. Max. (V)	Test Condition
SCM9250-100Y	10	+50% / -30%	1.6	0.08	80	1kHz/0.1V
SCM9250-S100Y	10	+50% / -30%	1.6	0.08	80	1kHz/0.1V
SCM9250-250N	25	±30%	1.0	0.12	80	1kHz/0.1V
SCM9250-S250N	25	±30%	1.0	0.12	80	1kHz/0.1V
SCM9250-400N	40	±30%	0.9	0.25	80	1kHz/0.1V
SCM9250-S400N	40	±30%	0.9	0.25	80	1kHz/0.1V
SCM9250-510N	51	±30%	1.0	0.16	80	1kHz/0.1V
SCM9250-S510N	51	±30%	1.0	0.16	80	1kHz/0.1V
SCM9250-251Y	250	±50%	1.2	0.13	80	100kHz/0.1V
SCM9250-501Y	500	±50%	1.0	0.15	80	100kHz/0.1V
SCM9250-102Y	1000	±50%	0.8	0.31	80	100kHz/0.1V
SCM9250-202Y	2000	±50%	0.6	0.42	80	100kHz/0.1V
SCM9250-472Y	4700	±50%	0.5	0.75	80	100kHz/0.1V
SCM9250-652Y	6500	±50%	0.4	0.95	80	10kHz/0.1V
SCM9250-103Y	10000	±50%	0.35	1.2	80	10kHz/0.1V

