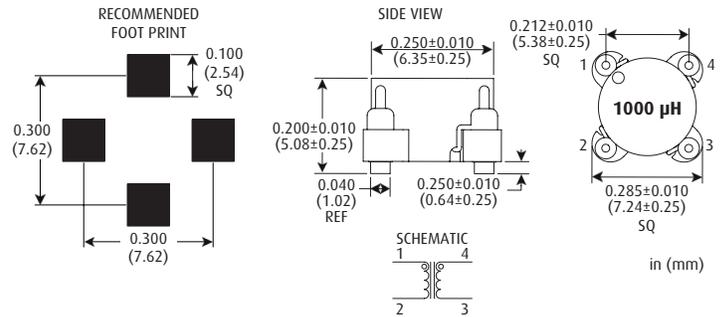


CMF61SM SERIES  
Common Mode Transformer Choke



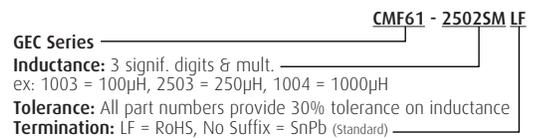
PART NUMBER	L μ H @ 10 kHz	DCR Ω MAX	CURRENT RATING A DC	LEAKAGE L μ H REF
CMF61-2502SM	25	0.010	3.0	0.20
CMF61-5002SM	47	0.015	2.5	0.30
CMF61-6802SM	68	0.020	2.0	0.40
CMF61-1003SM	100	0.030	1.6	0.50
CMF61-1503SM	150	0.040	1.3	0.70
CMF61-2203SM	220	0.060	1.0	1.10
CMF61-3303SM	330	0.090	0.75	1.50
CMF61-4703SM	470	0.125	0.60	1.70
CMF61-6803SM	680	0.170	0.50	2.00
CMF61-1004SM	1000	0.250	0.40	2.80
CMF61-1204SM	1200	0.350	0.30	3.50
CMF61-1504SM	1500	0.500	0.24	4.30
CMF61-2204SM	2200	0.750	0.18	6.00



NOTES

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 40°C temperature rise at an ambient temperature of 75°C
Note: Current is rated in both windings
- **DWV:** 500 Vrms (winding to case top surface)
- **Weight MAX:** 0.50 grams
- **Marking:** inductance value; color dot (see diagram above)
- Excellent Electromagnetic Shielding
- Leakage inductance is tested in pins 1-2 with pins 3-4 shorted or at pins 3-4 with pins 1-2 shorted
- Inductance and DCR is for each side or single winding
- Windings balanced within 2%
- Custom designs are available to meet your specific requirements; please contact factory
- **Applications include:** Reduction of AC line interference produced by switching power supplies, the opposing magnetic fluxes in the core serve to cancel inphase noise signals appearing across the AC line. Also used for noise suppression of DC circuits for switching regulators.

PART NUMBER DERIVATION



TAPE AND REEL SPECS

Pieces/reel maximum:	1050
Pitch between parts:	16 mm
Tape width:	16 mm
Reel diameter:	13 in.