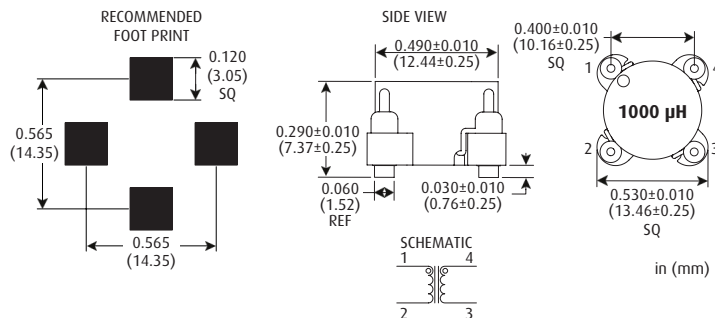


CMF64SM SERIES



Common Mode Transformer Choke

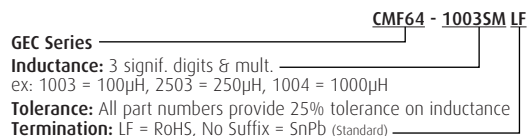
PART NUMBER	L μ H @ 1 kHz	DCR Ω MAX	CURRENT RATING A RMS MAX	LEAKAGE L μ H NOM
CMF64-1003SM	100	0.006	7.0	0.70
CMF64-1503SM	150	0.010	5.5	1.0
CMF64-2203SM	220	0.012	5.0	1.4
CMF64-3303SM	330	0.017	4.0	1.8
CMF64-5003SM	500	0.024	3.3	2.2
CMF64-7503SM	750	0.035	2.7	3.0
CMF64-1004SM	1000	0.049	2.2	4.0
CMF64-1204SM	1200	0.068	1.7	5.0
CMF64-1804SM	1800	0.106	1.4	5.5
CMF64-2204SM	2200	0.150	1.1	7.0
CMF64-3304SM	3300	0.210	0.85	9.5
CMF64-5004SM	5000	0.320	0.70	14
CMF64-7504SM	7500	0.640	0.40	22
CMF64-1005SM	10000	0.900	0.33	29



NOTES

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 40°C temperature rise at an ambient temperature of 25°C
Note: Current is rated in both windings
- **DWV:** 1250 Vrms (winding to winding and winding to case on top surface)
- **Weight MAX:** 2.80 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:	400
Pitch between parts:	20 mm
Tape width:	24 mm
Reel diameter:	13 in.