

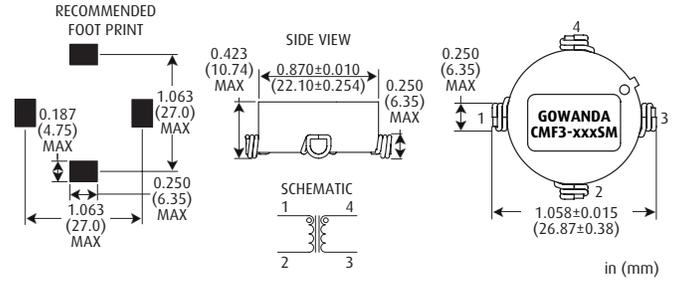
CMF3SM SERIES



Common Mode Transformer Choke



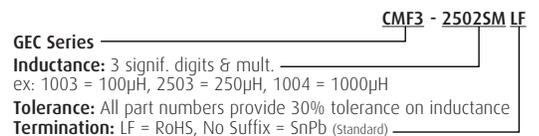
PART NUMBER	L μ H @ 10 kHz	DCR Ω MAX	CURRENT RATING A DC	LEAKAGE L μ H REF
CMF3-2502SM	25	0.010	8.5	0.40
CMF3-5002SM	50	0.010	8.5	0.70
CMF3-1003SM	100	0.012	7.7	1.4
CMF3-1503SM	150	0.012	7.7	1.7
CMF3-2003SM	200	0.014	7.2	2.0
CMF3-3003SM	300	0.018	6.3	3.0
CMF3-4503SM	450	0.022	5.7	4.8
CMF3-6503SM	650	0.025	5.3	6.0
CMF3-1004SM	1000	0.045	4.0	9.3
CMF3-1504SM	1500	0.080	3.0	14.5
CMF3-2504SM	2500	0.150	2.2	24.0



NOTES

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 50°C temperature rise at an ambient temperature of 75°C
Note: Current is rated in both windings
- **DWV:** 1250 Vrms (winding to winding and winding to case on top surface)
- **Weight MAX:** 9.73 grams
- **Marking:** GOWANDA; CMF3-xxxxSM (dash number) (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:	190
Pitch between parts:	32 mm
Tape width:	44 mm
Reel diameter:	13 in.