

CMF3SM Common Mode Power Inductors

PART NUMBER	INDUCTANCE μH ± 25% @ 1kHz*	DCR OHMS MAX*	CURRENT RATING AMPS**	LEAKAGE INDUCTANCE μH NOM.***
CMF3-2502SM	25	.010	8.5	0.4
CMF3-5002SM	50	.010	8.5	0.7
CMF3-1003SM	100	.012	7.7	1.4
CMF3-1503SM	150	.012	7.7	1.7
CMF3-2003SM	200	.014	7.2	2.0
CMF3-3003SM	300	.018	6.3	3.0
CMF3-4503SM	450	.022	5.7	4.8
CMF3-6503SM	650	.025	5.3	6.0
CMF3-1004SM	1000	.045	4.0	9.3
CMF3-1504SM	1500	.080	3.0	14.5
CMF3-2504SM	2500	.150	2.2	24.0

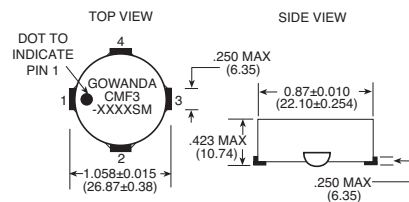
*Inductance and DCR is for each side or single winding.

**Based upon 50°C temperature rise from a 75°C ambient and rated current in both windings.

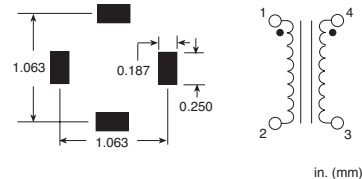
***Leakage inductance tested at pins 1-2 with pins 3-4 shorted or at pins 3-4 with pins 1-2 shorted

Windings balanced within 2%

Dielectric Withstanding Voltage 1250 Vrms (winding to winding and winding to case on top surface)



RECOMMENDED FOOTPRINT



in. (mm)

NOTES:

- Operating temperature -55°C to +125°C
- Excellent electromagnetic shielding.
- Custom designs to meet your specific requirements.
- 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.

TAPE AND REEL SPECS:

Pcs./Reel maximum:	190
Pitch between parts:	32 mm
Tape width:	44 mm
Reel diameter inches:	13