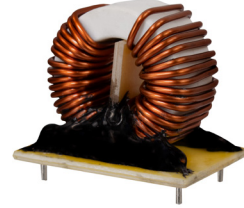


SERIES: SNCMC | DESCRIPTION: NANOCRYSTALLINE COMMON MODE CHOKE

FEATURES

- Small size and light weight
- High efficiency, low power loss
- Suited for high current application
- Operating temperature -25°C to 130°C
- Dielectric strength 1.5 kV min
- Vertical mounting



MODEL	L		Z		I _N [A]	Unbalance Current		
	[mH]	[mH]	[Ω]	[Ω]		[mA]	[mA]	[mA]
	10 kHz	100 kHz	10 kHz	100 kHz		10 kHz	100 kHz	DC
SNCMC-127-010	26.8	6.2	1,770	6,630	8	16	33	14
SNCMC-127-011	21.7	5.0	1,440	5,320	9	18	36	16
SNCMC-127-012	17.1	4.0	1,130	4,180	10	20	41	18
SNCMC-127-013	13.1	3.1	867	3,180	11	23	47	20
SNCMC-127-014	11.3	2.7	748	2,730	12	24	50	22
SNCMC-127-007	8.1	1.9	535	1,930	13	29	59	26
SNCMC-127-008	6.7	1.6	442	1,590	14.5	32	65	28
SNCMC-127-022	4.3	1.0	284	1,030	19.4	40	81	35
SNCMC-127-009	3.3	0.8	216	780	21	45	93	40
SNCMC-127-015	13.8	3.2	914	3,310	8	18	36	16
SNCMC-127-016	10.5	2.5	696	3,530	9	20	41	18
SNCMC-127-017	9.1	2.1	602	2,180	9.5	22	44	19
SNCMC-127-018	6.5	1.5	431	1,540	11	25	52	23
SNCMC-127-019	5.4	1.3	356	1,280	12	28	58	25
SNCMC-127-020	4.4	1.0	288	1,030	14	31	64	28
SNCMC-127-021	3.4	0.8	228	820	15.2	35	72	31

PART NUMBER KEY

SNCMC - 127 - XXX - CXX

Product Series

SNCMC = Nanocrystalline common mode choke

Size Code

127

Reserved for Custom Configurations

Model Number

ENVIROMENTAL

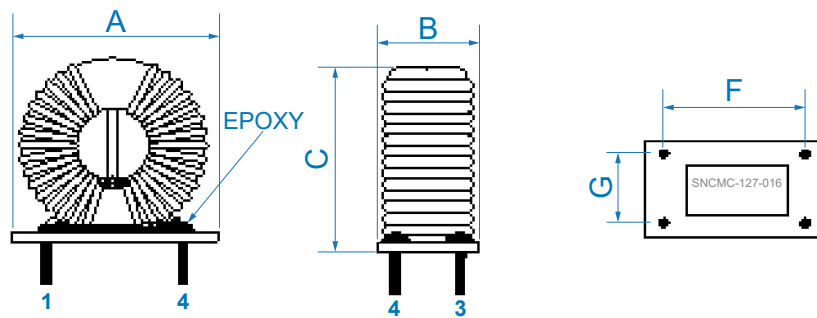
Parameter	Conditions	Min	Typ	Max	Units
Operating temperature		-25		130	°C

SAFETY AND COMPLIANCE

Parameter	Compliant
RoHS	Compliant (2011/65/EU & 2015/863)
REACH	Conform or Declared (EC)1907/2007

MECHANICAL DRAWING

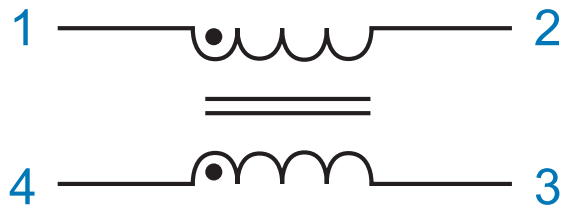
Units: mm



MECHANICAL DIMENSIONS (mm)

Product Series	A	B	C	F	G
SNCMC-127-010	37	25	35	25 ±0.5	15 ±0.5
SNCMC-127-011	37	25	35	25 ±0.5	15 ±0.5
SNCMC-127-012	37	25	35	25 ±0.5	15 ±0.5
SNCMC-127-013	37	25	35	25 ±0.5	15 ±0.5
SNCMC-127-014	37	25	35	25 ±0.5	15 ±0.5
SNCMC-127-007	37	25	35	25 ±0.5	15 ±0.5
SNCMC-127-008	37	25	35	25 ±0.5	15 ±0.5
SNCMC-127-022	37	25	35	25 ±0.5	15 ±0.5
SNCMC-127-009	37	25	35	25 ±0.5	15 ±0.5
SNCMC-127-015	33	25	33	25 ±0.5	15 ±0.5
SNCMC-127-016	33	25	33	25 ±0.5	15 ±0.5
SNCMC-127-017	33	25	33	25 ±0.5	15 ±0.5
SNCMC-127-018	33	25	33	25 ±0.5	15 ±0.5
SNCMC-127-019	33	25	33	25 ±0.5	15 ±0.5
SNCMC-127-020	33	25	33	25 ±0.5	15 ±0.5
SNCMC-127-021	33	25	33	25 ±0.5	15 ±0.5

ELECTRICAL DIAGRAM



REVISION HISTORY

Rev.	Description	Date
1	initial release	August/22/2024
A		

NUCLEAR AND MEDICAL APPLICATIONS - Products are not designed or intended for use as critical components in life support systems, equipment used in hazardous environments, or nuclear control systems.

TECHNICAL REVISIONS - The appearance of products, including safety agency certifications pictured on labels, may change depending on the date manufactured. Specifications are subject to change without notice.



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