

CTCMS2F Series

From 25 μH to 1600 μH



CHARACTERISTICS

Description: Common mode choke.

Applications: EMI filters applications, DC/DC Converters, Discrete output supplies, Discrete and point-of-use power supplies (PUPS).

Operating Ambient Temperature: -40°C to +85°C

Ambient Temperature: +85°C

Temperature Rise: 40°C

Notes: It is recommended that the temperature of the component (ambient plus temperature rise) does not exceed 125°C under the worst case operating conditions.

Inductance Tolerance: $\pm 30\%$

Testing: Tested on a HP4285A at 100KHz, 0.1Vrms.

Packaging: Tape & Reel

Marking: Parts are marked with inductance value.

Miscellaneous: **RoHS Compliant.**

Additional Information: Additional electrical & physical information available upon request.

Samples available. See website for ordering information.

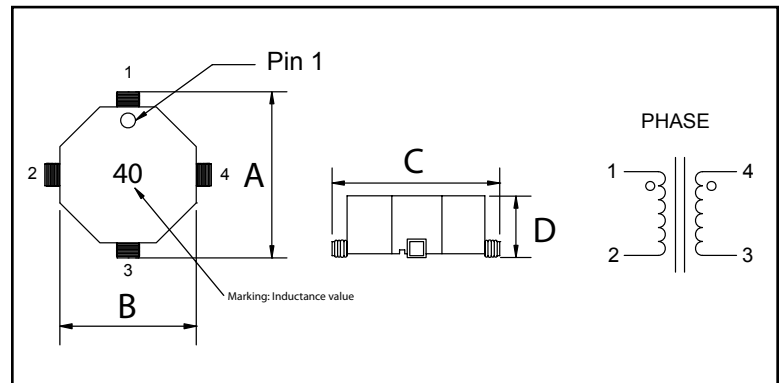
SPECIFICATIONS

Parts are available in $\pm 30\%$ inductance tolerance only.

Part Number	Inductance (μH) (1-2 / 4-3)	Rated Current (A) Max.	DCR (m Ω) (1-2 / 4-3)	Leakage Inductance (μH) Max.	Capacitance (pF) Typ.
CTCMS2F-25N	25	5.35	3.100	0.22	2.0
CTCMS2F-40N	40	4.40	3.890	0.34	2.3
CTCMS2F-70N	70	3.60	5.350	0.47	2.5
CTCMS2F-95N	95	2.80	7.965	0.80	2.8
CTCMS2F-150N	150	2.30	16.85	1.25	3.1
CTCMS2F-275N	275	1.85	34.53	1.75	3.4
CTCMS2F-320N	320	1.60	39.72	2.00	3.6
CTCMS2F-400N	400	1.35	42.73	2.60	3.9
CTCMS2F-500N	500	1.10	57.43	3.30	4.1
CTCMS2F-620N	620	0.94	73.72	4.00	4.3
CTCMS2F-750N	750	0.80	98.34	5.00	4.6
CTCMS2F-1100N	1100	0.67	161.2	6.30	4.9
CTCMS2F-1300N	1300	0.58	245.5	7.30	5.1
CTCMS2F-1600N	1600	0.50	350.5	9.00	5.4

PHYSICAL DIMENSIONS

Size	A Max.	B Ref.	C Max.	D Max.
mm	11.8	8.8	11.8	5.2
inches	0.46	0.35	0.46	0.20



PAD LAYOUT

