

CTCMC0905F Series

From 10 μ H to 6500 μ H



CHARACTERISTICS

- Description:** SMD Common Mode Choke.
- Applications:** LANs, telephones, personal computers, CD-ROM drives, electronic games, etc.
- Operating Temperature:** -40°C to +85°C
- Rated Current:** 40°C temperature rise.
- Inductance Tolerance:** $\pm 30\%$, $\pm 50\%$
- Testing:** Inductance is tested on an HP4284A or HP4285A at the specified frequency.
- Packaging:** Tape & Reel.
- Marking:** Parts are marked with inductance code.
- Miscellaneous:** **RoHS Compliant.**
- Additional Information:** Additional electrical & physical information available upon request.
- Samples available. See website for ordering information.**

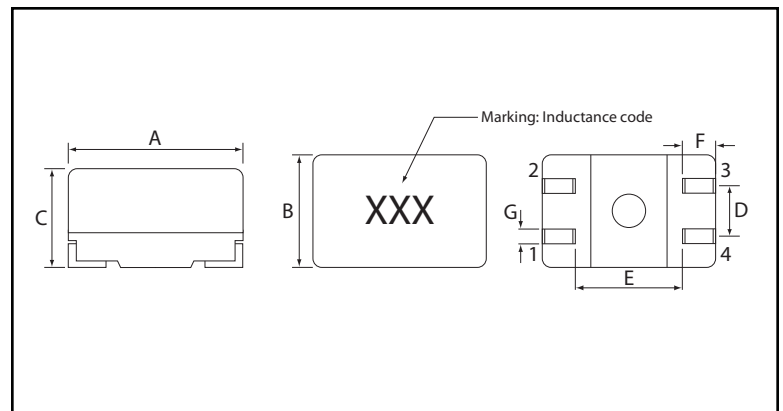
SPECIFICATIONS

Part numbers indicate inductance tolerance available.
N = $\pm 30\%$, Y = $\pm 50\%$

Part Number	Inductance (μ H)	Test Freq. (KHz)	Impedance (Ω) Min.	Z Freq. Range (MHz)	DCR (Ω) Max.	DC Current (A) Max.	Rated Voltage (VDC)
CTCMC0905F-100N	10	1.0 (0.1V)	200	20-300	0.08	1.6	50
CTCMC0905F-250N	25	1.0 (0.1V)	600	20-150	0.16	1.0	50
CTCMC0905F-400N	40	1.0 (0.1V)	800	20-100	0.25	0.9	50
CTCMC0905F-500N	50	1.0 (0.1V)	1500	20-100	0.32	0.8	50
CTCMC0905F-251Y	250	100 (5mV)	600	3-20	0.13	1.2	50
CTCMC0905F-471Y	470	100 (5mV)	1000	2-20	0.14	1.1	50
CTCMC0905F-501Y	500	100 (5mV)	1000	1-20	0.15	1.0	50
CTCMC0905F-102Y	1000	100 (5mV)	1500	1-15	0.31	0.8	50
CTCMC0905F-202Y	2000	100 (5mV)	3000	1-5	0.42	0.6	50
CTCMC0905F-472Y	4700	100 (5mV)	4000	0.3-3	0.90	0.4	50
CTCMC0905F-652Y	6500	100 (5mV)	5000	0.3-2	1.05	0.3	50

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G
mm	9.2 \pm 0.3	6.0 \pm 0.3	5.0 \pm 0.3	2.54 \pm 0.3	5.7	1.4	1.0 \pm 0.1
inches	0.36 \pm 0.012	0.24 \pm 0.012	0.20 \pm 0.012	0.10 \pm 0.012	0.22	0.05	0.04 \pm 0.004



PAD LAYOUT

