

CTS7F Series

From 1µH to 4,700,000µH

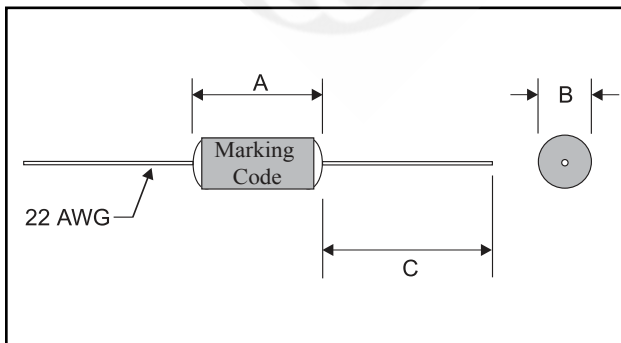


CHARACTERISTICS

Description: Axial leaded shielded inductor
Applications: Compact audio filters, tone control circuits, amplifiers, low level power supplies, filters, switching circuits and telecommunications.
Packaging: Bulk
Current Rating: Based on 0.33 watt power dissipation for approximately 20°C temperature rise
Operating Temperature: -55°C to +125°C
Testing: Inductance is tested on an HP4263B at 1kHz(1R0-823); HP4284A at 1kHz,1V(104-475)
Miscellaneous: RoHS Compliant.
Additional Information:
Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

Size	A	B	C
	Max.	Max.	Nom.
mm	18.41	7.62	29.21
inches	0.725	0.300	1.15



SPECIFICATIONS

Part numbers indicate available inductance tolerance.
 K = ±10%, M = ±20%

Part Number	Inductance	DCR (Ω) ±20%	Rate Current (AC Amps)
CTS7F-1R0M	1.0 µH	0.011	0.707
CTS7F-1R2M	1.2 µH	0.012	0.707
CTS7F-1R5M	1.5 µH	0.012	0.707
CTS7F-1R8M	1.8 µH	0.012	0.707
CTS7F-2R2M	2.2 µH	0.012	0.707
CTS7F-2R7M	2.7 µH	0.013	0.707
CTS7F-3R3M	3.3 µH	0.013	0.707
CTS7F-3R9M	3.9 µH	0.014	0.707
CTS7F-4R7M	4.7 µH	0.014	0.707
CTS7F-5R6M	5.6 µH	0.017	0.707
CTS7F-6R8M	6.8 µH	0.018	0.707
CTS7F-8R2M	8.2 µH	0.018	0.707
CTS7F-100K	10 µH	0.020	0.707
CTS7F-120K	12 µH	0.022	0.707
CTS7F-150K	15 µH	0.024	0.707
CTS7F-180K	18 µH	0.030	0.707
CTS7F-220K	22 µH	0.032	0.707
CTS7F-270K	27 µH	0.034	0.707
CTS7F-330K	33 µH	0.036	0.707
CTS7F-390K	39 µH	0.038	0.707
CTS7F-470K	47 µH	0.040	0.707
CTS7F-560K	56 µH	0.046	0.707
CTS7F-680K	68 µH	0.047	0.707
CTS7F-820K	82 µH	0.050	0.707
CTS7F-101K	100 µH	0.064	0.707
CTS7F-121K	120 µH	0.068	0.707
CTS7F-151K	150 µH	0.073	0.707
CTS7F-181K	180 µH	0.078	0.707
CTS7F-221K	220 µH	0.082	0.707
CTS7F-271K	270 µH	0.098	0.707
CTS7F-331K	330 µH	0.132	0.556
CTS7F-391K	390 µH	0.142	0.556
CTS7F-471K	470 µH	0.170	0.556
CTS7F-561K	560 µH	0.222	0.437
CTS7F-681K	680 µH	0.235	0.437
CTS7F-821K	820 µH	0.247	0.437
CTS7F-102K	1000 µH	0.440	0.350
CTS7F-122K	1200 µH	0.470	0.280
CTS7F-152K	1500 µH	0.640	0.277
CTS7F-182K	1800 µH	0.700	0.277
CTS7F-222K	2.2mH	0.925	0.224
CTS7F-272K	2.7mH	1.02	0.224
CTS7F-332K	3.3mH	1.16	0.224
CTS7F-392K	3.9mH	1.61	0.175
CTS7F-472K	4.7mH	1.89	0.175
CTS7F-562K	5.6mH	2.42	0.130
CTS7F-682K	6.8mH	2.67	0.130
CTS7F-822K	8.2mH	3.19	0.110
CTS7F-103K	10mH	4.16	0.110
CTS7F-123K	12mH	4.32	0.080
CTS7F-153K	15mH	4.96	0.080
CTS7F-183K	18mH	5.28	0.071
CTS7F-223K	22mH	8.06	0.071
CTS7F-273K	27mH	9.12	0.056
CTS7F-333K	33mH	12.18	0.056
CTS7F-393K	39mH	14.16	0.043
CTS7F-473K	47mH	17.18	0.043
CTS7F-563K	56mH	18.71	0.043
CTS7F-683K	68mH	27.36	0.043
CTS7F-823K	82mH	31.32	0.043
CTS7F-104K	100mH	42.84	0.034
CTS7F-124K	120mH	47.16	0.034
CTS7F-154K	150mH	61.58	0.027
CTS7F-184K	180mH	69.12	0.027
CTS7F-224K	220mH	90	0.027
CTS7F-274K	270mH	100	0.027
CTS7F-334K	330mH	117	0.022
CTS7F-394K	390mH	125	0.022
CTS7F-474K	470mH	183	0.017
CTS7F-564K	560mH	206	0.017
CTS7F-684K	680mH	282	0.014
CTS7F-824K	820mH	356	0.011
CTS7F-105K	1000mH	410	0.011
CTS7F-125K	1200mH	568	0.0086
CTS7F-155K	1500mH	634	0.0086
CTS7F-185K	1800mH	950	0.0069
CTS7F-225K	2200mH	964	0.0069
CTS7F-275K	2700mH	987	0.0054
CTS7F-335K	3300mH	1400	0.0054
CTS7F-395K	3900mH	1682	0.0054
CTS7F-475K	4700mH	1700	0.0054