

CTE528F Series

From 0.03 μH to 0.45 μH



CHARACTERISTICS

Description: Tunable Coil

Applications: FM radios, television receivers, transceivers, wireless and communication applications, RF electronic applications, oscillator and audio filter applications.

Packaging: Bulk.

Miscellaneous: RoHS Compliant.

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

Samples available. See website for ordering information.

SPECIFICATIONS

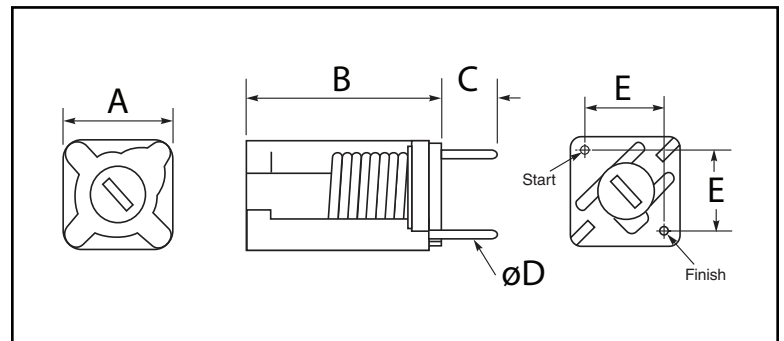
Part Number	Inductance ¹ (μH)	Q Min.	Test Freq. (MHz)	Tuning Cap. Range (pF)	Color Code	Winding	Shield Case
CTE528SNASF-100072	0.03	60	100	78.5 $\pm$ 3%	Brown	1 1/2	Yes
CTE528SNASF-100073	0.05	80	100	48.5 $\pm$ 4%	Red	2 1/2	Yes
CTE528SNASF-100074	0.08	90	100	32.5 $\pm$ 6%	Orange	3 1/2	Yes
CTE528SNASF-100075	0.10	90	100	23.5 $\pm$ 6%	Yellow	4 1/2	Yes
CTE528SNASF-100076	0.15	90	100	17.0 $\pm$ 6%	Green	5 1/2	Yes
CTE528DNASF-100077	0.08	70	57	100.0 $\pm$ 6%	Orange	3 1/2	Yes
CTE528DNASF-100078	0.10	70	57	76.0 $\pm$ 6%	Yellow	4 1/2	Yes
CTE528DNASF-100079	0.13	70	57	59.0 $\pm$ 6%	Green	5 1/2	Yes
CTE528DNASF-100080	0.16	70	57	49.0 $\pm$ 6%	Blue	6 1/2	Yes
CTE528DNASF-100081	0.20	70	57	38.5 $\pm$ 6%	Violet	7 1/2	Yes
CTE528DNASF-100082	0.23	60	45	55.5 $\pm$ 8% ²	Gray	8 1/2	Yes
CTE528DNASF-100083	0.25	60	45	50.5 $\pm$ 8% ²	White	9 1/2	Yes
CTE528DNASF-100084	0.29	60	45	43.0 $\pm$ 6% ²	Black	10 1/2	Yes
CTE528SNF-100059	0.03	90	100	72.0 $\pm$ 3%	Brown	1 1/2	No
CTE528SNF-100060	0.06	110	100	42.0 $\pm$ 6%	Red	2 1/2	No
CTE528SNF-100061	0.10	120	100	26.5 $\pm$ 8%	Orange	3 1/2	No
CTE528SNF-100062	0.14	120	100	18.5 $\pm$ 8%	Yellow	4 1/2	No
CTE528SNF-100063	0.20	110	100	13.0 $\pm$ 8%	Green	5 1/2	No
CTE528DNF-100064	0.09	100	57	85.8 $\pm$ 8%	Orange	3 1/2	No
CTE528DNF-100065	0.13	100	57	60.0 $\pm$ 8%	Yellow	4 1/2	No
CTE528DNF-100066	0.17	100	57	44.0 $\pm$ 8%	Green	5 1/2	No
CTE528DNF-100067	0.21	100	57	36.5 $\pm$ 8%	Blue	6 1/2	No
CTE528DNF-100068	0.29	90	57	27.0 $\pm$ 6%	Violet	7 1/2	No
CTE528DNF-100069	0.31	80	45	39.5 $\pm$ 6% ²	Gray	8 1/2	No
CTE528DNF-100070	0.38	80	45	33.0 $\pm$ 6% ²	White	9 1/2	No
CTE528DNF-100071	0.45	70	45	28.0 $\pm$ 5% ²	Black	10 1/2	No

1. Inductance values for reference only.

2. C Max. core position. 2 turns off from top of can or bobbin.

PHYSICAL DIMENSIONS (UNSHIELDED)

Size	A	B	C	D	E
mm	6.81 $\pm$ 0.13	11.43 $\pm$ 0.51	3.5 $\pm$ 1.02	0.51 $\pm$ 0.05	4.5 $\pm$ 0.13
inches	0.268 $\pm$ 0.005	0.450 $\pm$ 0.020	0.138 $\pm$ 0.040	0.020 $\pm$ 0.002	0.177 $\pm$ 0.005



PHYSICAL DIMENSIONS (SHIELDED)

Size	A Max.	B Max.	C	D Typ.	E	F Typ.
mm	7.6	12.1	3.51 $\pm$ 0.25	5.5	1.0 $\pm$ 0.25	7.1
inches	0.300	0.475	0.138 $\pm$ 0.010	0.216	0.039 $\pm$ 0.010	0.280

