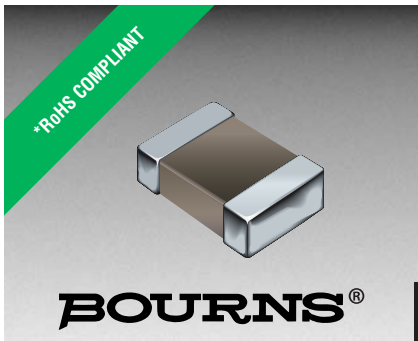




THE DATASHEET OF CF322513-150K





Features

- 1210 size
- Magnetic shielding
- High Q characteristics
- High current
- Lead free



The CF322513 Series is currently available, although not recommended for new designs. [Model CM322522](#) is preferred.

Applications

- Prevention of electromagnetic interference to signals on the secondary side of electronic equipment

CF322513 Series - Ferrite Multi-Layer High Current Chip Inductors

Electrical Specifications

Bourns Part No.	Inductance		Q	Test Freq.	SRF MHz	DCR	I rms
	μH	Tol. %	min.	L _Q MHz	min.	Ω max.	mA max.
CF322513-R12K	0.12	±10	30	25.2	500	0.22	450
CF322513-R15K	0.15	±10	30	25.2	450	0.25	450
CF322513-R18K	0.18	±10	30	25.2	400	0.28	450
CF322513-R22K	0.22	±10	30	25.2	350	0.32	450
CF322513-R27K	0.27	±10	30	25.2	320	0.36	450
CF322513-R33K	0.33	±10	30	25.2	300	0.40	450
CF322513-R39K	0.39	±10	30	25.2	250	0.45	450
CF322513-R47K	0.47	±10	30	25.2	220	0.50	450
CF322513-R56K	0.56	±10	30	25.2	180	0.55	450
CF322513-R68K	0.68	±10	30	25.2	160	0.60	450
CF322513-R82K	0.82	±10	30	25.2	140	0.65	450
CF322513-1R0K	1.0	±10	30	7.96	120	0.70	400
CF322513-1R2K	1.2	±10	30	7.96	100	0.75	390
CF322513-1R5K	1.5	±10	30	7.96	85	0.85	370
CF322513-1R8K	1.8	±10	30	7.96	80	0.90	350
CF322513-2R2K	2.2	±10	30	7.96	75	1.00	320
CF322513-2R7K	2.7	±10	30	7.96	70	1.10	290
CF322513-3R3K	3.3	±10	30	7.96	60	1.20	260
CF322513-3R9K	3.9	±10	30	7.96	55	1.30	250
CF322513-4R7K	4.7	±10	30	7.96	50	1.50	220
CF322513-5R6K	5.6	±10	30	7.96	47	1.60	200
CF322513-6R8K	6.8	±10	30	7.96	43	1.80	180
CF322513-8R2K	8.2	±10	30	7.96	40	2.00	170
CF322513-100K	10.0	±10	30	2.52	36	2.10	150
CF322513-120K	12.0	±10	30	2.52	33	2.50	140
CF322513-150K	15.0	±10	30	2.52	30	2.80	130
CF322513-180K	18.0	±10	30	2.52	27	3.30	120
CF322513-220K	22.0	±10	30	2.52	25	3.70	110
CF322513-270K	27.0	±10	30	2.52	20	5.00	80
CF322513-330K	33.0	±10	30	2.52	17	5.60	70

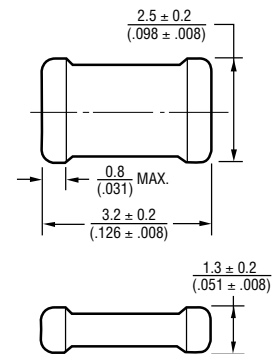
General Specifications

Temperature Rise 40 °C max. at rated current
 Operating Temperature-55 °C to +125 °C
 Storage Temperature...-55 °C to +125 °C
 Reflow Soldering ...230 °C, 50 sec. max.
 Resistance to Soldering Heat 260 °C, 5 seconds

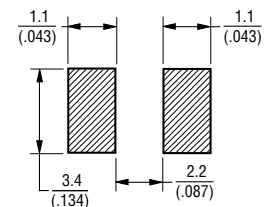
Materials

Base Material Ferrite
 Terminal Pd/Pt/Ag/Ni/Sn
 Packaging.....2,500 pcs. per reel

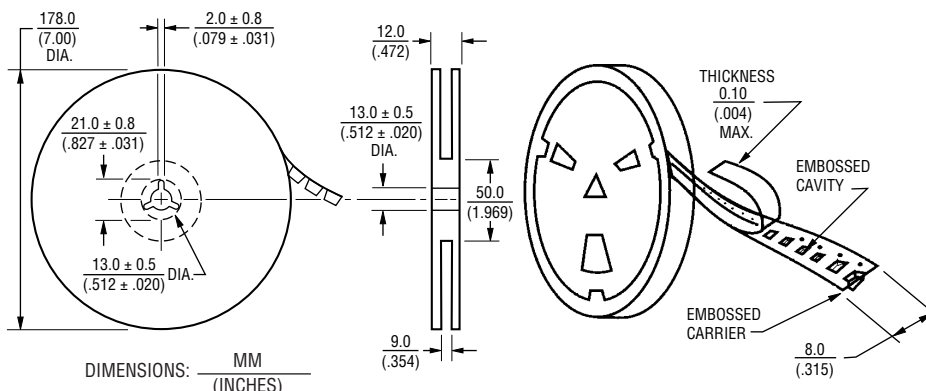
Product Dimensions



Recommended Layout



Packaging Specifications



REV. 11/09

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex
 Specifications are subject to change without notice.
 Customers should verify actual device performance in their specific applications.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View CF322513-150K](#) on WIN SOURCE

 [Bourns Inc.](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management