THE DATASHEET OF

CMH322522-100KL

Features

- 1210 size
- High Q characteristic
- High current rating
- RoHS compliant*

Applications

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

CMH322522 Series - Wirewound Chip Inductor

Electrical Specifications

Bourns Part No.	Inductance µH	Inductance Tol. %	Q Min.	Test Freq. MHz L,Q	SRF MHz Min.	DCR Ω Max.	Irms mA Max.
CMH322522-R10ML	0.10	±20	28	25.2	700	0.44	450
CMH322522-R12ML	0.12	±20	30	25.2	500	0.22	450
CMH322522-R15ML	0.15	±20	30	25.2	450	0.25	450
CMH322522-R18ML	0.18	±20	30	25.2	400	0.25	450
CMH322522-R22ML	0.22	±20	30	25.2	350	0.32	450
CMH322522-R27ML	0.27	±20	30	25.2	320	0.36	450
CMH322522-R33ML	0.33	±20	30	25.2	300	0.40	450
CMH322522-R39ML	0.39	±20	30	25.2	250	0.45	450
CMH322522-R47ML	0.47	±20	30	25.2	220	0.50	450
CMH322522-R56ML	0.56	±20	30	25.2	180	0.55	450
CMH322522-R68ML	0.68	±20	30	25.2	160	0.60	450
CMH322522-R82ML	0.82	±20	30	25.2	140	0.65	450
CMH322522-1R0KL	1.0	±10	30	7.96	120	0.70	400
CMH322522-1R2KL	1.2	±10	30	7.96	100	0.75	390
CMH322522-1R5KL	1.5	±10	30	7.96	85	0.85	370
CMH322522-1R8KL	1.8	±10	30	7.96	80	0.90	350
CMH322522-2R2KL	2.2	±10	30	7.96	75	1.0	320
CMH322522-2R7KL	2.7	±10	30	7.96	70	1.1	290
CMH322522-3R3KL	3.3	±10	30	7.96	55	1.2	260
CMH322522-3R9KL	3.9	±10	30	7.96	50	1.3	250
CMH322522-4R7KL	4.7	±10	30	7.96	45	1.5	220
CMH322522-5R6KL	5.6	±10	30	7.96	40	1.6	200
CMH322522-6R8KL	6.8	±10	30	7.96	35	1.8	180
CMH322522-8R2KL	8.2	±10	30	7.96	30	2.0	170
CMH322522-100KL	10	±10	30	2.52	28	2.1	150
CMH322522-120KL	12	±10	30	2.52	20	2.5	140
CMH322522-150KL	15	±10	30	2.52	20	2.8	130
CMH322522-180KL	18	±10	30	2.52	20	3.3	120
CMH322522-220KL	22	±10	30	2.52	19	3.7	110
CMH322522-270KL	27	±10	30	2.52	18	5.0	80
CMH322522-330KL	33	±10	30	2.52	16	5.6	70
CMH322522-390KL	39	±10	30	2.52	15	6.4	65
CMH322522-470KL	47	±10	30	2.52	13	7.0	60
CMH322522-560KL	56	±10	30	2.52	12	8.0	55
CMH322522-680KL	68	±10	30	2.52	11	9.0	50
CMH322522-820KL	82	±10	30	2.52	10	10	45
CMH322522-101KL	100	±10	20	0.796	9	10	40

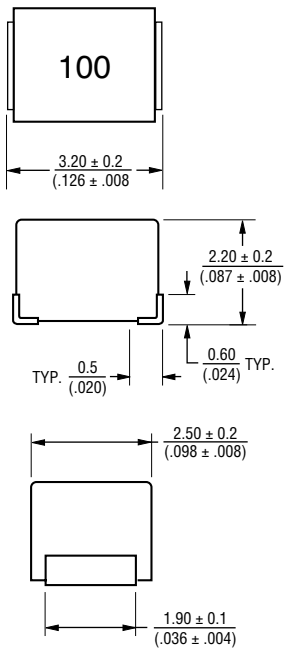
General Specifications

Temperature Rise
.....20 °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

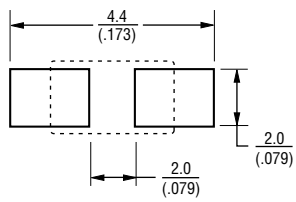
Materials

Core.....Ferrite
Terminal Electrode.....Cu/Sn
Packaging.....2,000 pcs. per reel

Product Dimensions



Recommended Layout



DIMENSIONS: MM (INCHES)

WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.
Specifications are subject to change without notice.
Users should verify actual device performance in their specific applications.
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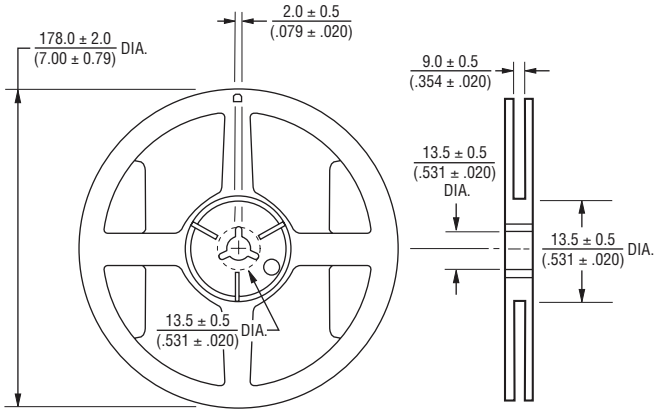
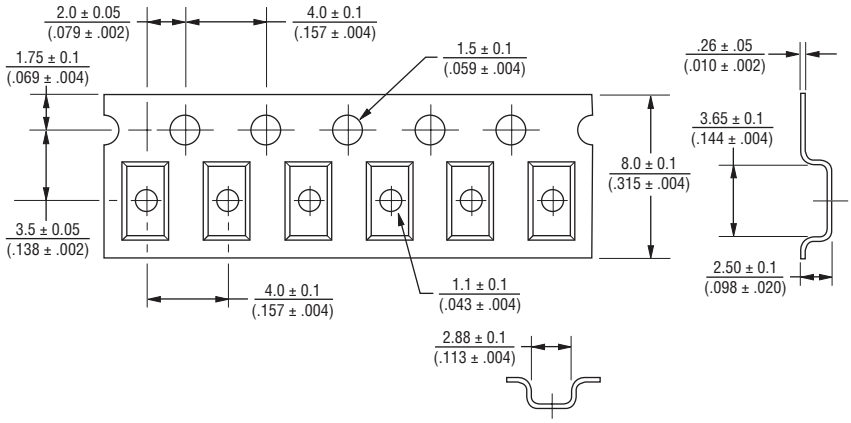
Packaging Specifications





DIMENSIONS: MM / (INCHES)

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