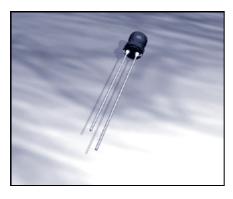




Power Solutions



## **FEATURES**

- Radial Format
- Up to 1.5A IDC
- 10µH to 2.2mH
- Low DC Resistance
- Miniature Size
- PCB Mounting
- MIL-I-23053/5 Class I & II Sleeving
- Fully Tinned Leads
- Supplied in Bags of 100
- Custom Parts Available

## **DESCRIPTION**

The 2200R Series is a general-purpose range of inductors suitable for low to medium current applications. Their small footprint makes them ideal for high-density applications where a chip inductor will not cope with the power requirement.

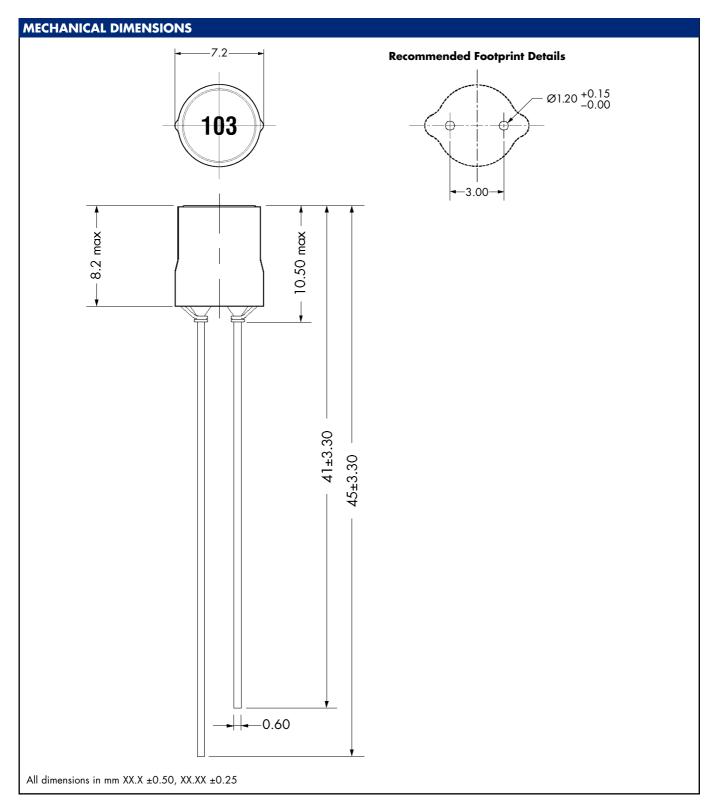
SELECTION GUIDE							
	Inductance	DC Resistance	DC Current Continuous <sup>2</sup>		inal Q kHz	Nominal Self Resonant Frequency	
Order Code	±10% (at 1kHz) µH	MAX	A MAX	Q	f	MHz	
22R103	10	0.07	1.50	140	1400	40.00	
22R153	15	0.80	1.10	150	1400	30.00	
22R223	22	0.11	1.00	150	950	20.00	
22R333	33	0.15	0.92	150	950	15.00	
22R473	47	0.28	0.78	160	600	12.80	
22R683	68	0.30	0.77	150	700	6.80	
22R104	100	0.50	0.66	160	450	6.00	
22R154	150	0.54	0.52	160	300	4.40	
22R224	220	1.05	0.44	150	250	3.70	
22R334	330	1.21	0.38	150	250	3.30	
22R474	470	1.87	0.31	140	250	2.90	
22R684	680	2.70	0.25	120	250	2.20	
22R105	1mH	3.80	0.17	150	200	1.80	
22R155	1.5mH	5.40	0.13	160	200	1.65	
22R225	2.2mH	11.00	0.11	150	200	1.35	

TYPICAL CORE CHARACTERISTICS						
Inductance Temperature Coefficient	Resistance Temperature Coefficient	Curie Temperature TC	Saturation Flux BSAT			
350ppm	3900ppm	190°C	325mT			

ABSOLUTE MAXIMUM RATINGS	
Operating free air temperature range	−25°C to 70°C
Storage temperature range	−50°C to 125°C

## **2200R SERIES**

Miniature Radial Lead Inductors



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NMP 2200R.2

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