



**FEATURES**

- Radial Format
- Up to 1.62A IDC
- 10 $\mu$ H to 68mH
- Low DC Resistance
- Miniature Size
- PCB Mounting
- MIL-I-23053/5 Class I & II Slewing
- 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**

Order Code	Inductance $\pm 10\%$ (at 1kHz) $\mu$ H	DC Resistance $\Omega$ MAX	DC Current Continuous <sup>2</sup> A MAX	Nominal Q at f kHz		Nominal Self Resonant Frequency MHz
				Q	f	
<b>22R103</b>	10.0	0.05	1.62	40	1000	21.2
<b>22R153</b>	15.0	0.07	1.35	30	500	19.4
<b>22R223</b>	22.0	0.09	1.08	30	500	17.0
<b>22R333</b>	33.0	0.14	0.90	25	500	11.4
<b>22R473</b>	47.0	0.22	0.77	25	500	10.9
<b>22R683</b>	68.0	0.28	0.77	70	100	10.6
<b>22R104</b>	100.0	0.39	0.67	65	100	8.9
<b>22R154</b>	150.0	0.54	0.52	80	100	6.2
<b>22R224</b>	220.0	0.83	0.43	90	100	5.4
<b>22R334</b>	330.0	1.21	0.38	95	100	4.5
<b>22R474</b>	470.0	1.65	0.31	100	100	3.2
<b>22R684</b>	680.0	2.64	0.25	105	100	3.0
<b>22R105</b>	1.0mH	3.63	0.17	120	100	2.5
<b>22R155</b>	1.5mH	6.49	0.13	130	100	2.1
<b>22R225</b>	2.2mH	8.58	0.11	130	50	1.9
<b>22R335</b>	3.3mH	10.0	0.10	125	150	1.2
<b>22R475</b>	4.7mH	13.2	0.081	130	150	0.95
<b>22R685</b>	6.8mH	22.0	0.072	135	150	0.85
<b>22R106</b>	10.0mH	37.4	0.063	140	150	0.62
<b>22R156</b>	15.0mH	49.5	0.054	145	150	0.51
<b>22R226</b>	22.0mH	82.5	0.045	100	50	0.34
<b>22R336</b>	33.0mH	110.0	0.036	90	50	0.28
<b>22R476</b>	47.0mH	154.0	0.027	80	50	0.25
<b>22R686</b>	68.0mH	242.0	0.018	70	50	0.20

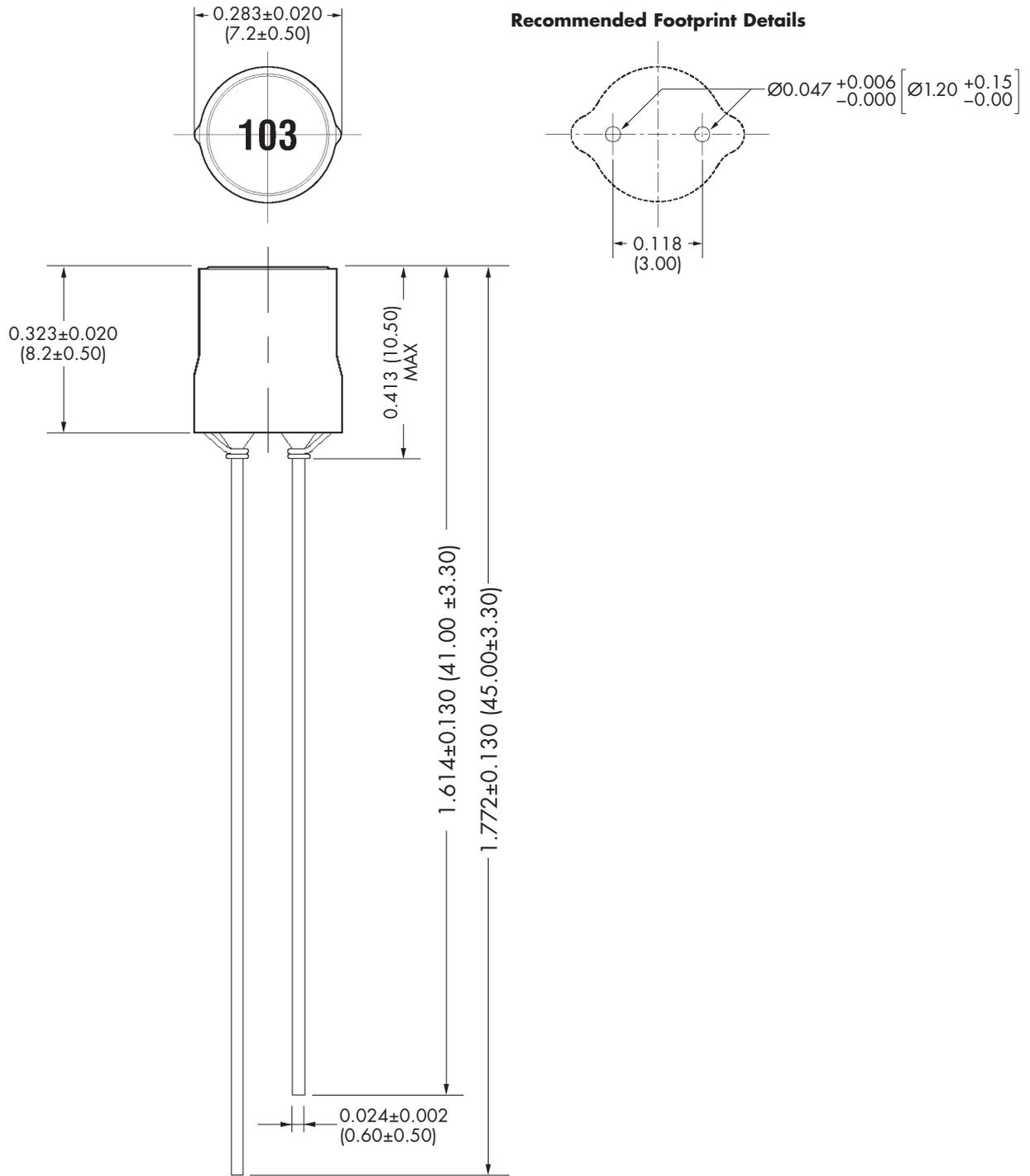
**TYPICAL CORE CHARACTERISTICS**

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	-40°C to 125°C

**MECHANICAL DIMENSIONS**



All dimensions in inches (mm)

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