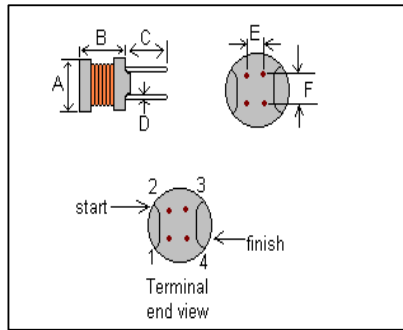


# Through-Hole Radial RF Chokes

# AMRL110



### Characteristics

Operating temperature	-55°C to +125°C
Inductance tolerance	+/- 10%, +/-20%
Testing	L range 10uH ~ 82uH : tested on HP 4342A L range 100uH ~ 1000uH : tested on 1KHz RDC measured with resistance current source meter
Rated current	Current at which the inductance value decreases 10% by the applied DC current measured at 1kHz.
Packaging	Bulk only

A=10+/-0.5mm

B=10+/-0.5mm

C=3.5+/-1.0mm

D=0.7+0.1 / -0.05mm

E=4.0+/-0.3mm

F=5.0+/-0.3mm

PART NUMBER	L (uH)	TEST FREQ.	SRF (MHz) Min	DCR (Ohm) Max	RATED DC (mA)
	<b>+/-20%</b>				
AMRL110-100M	10	2.52MHz	14	0.022	5300
AMRL110-120M	12	2.52MHz	11	0.023	4900
AMRL110-150M	15	2.52MHz	7.7	0.026	4400
AMRL110-180M	18	2.52MHz	7.1	0.033	4000
AMRL110-220M	22	2.52MHz	6.8	0.037	3600
AMRL110-270M	27	2.52MHz	6.1	0.048	3300
	<b>+/-10%</b>				
AMRL110-330K	33	2.52MHz	6.0	0.055	2900
AMRL110-390K	39	2.52MHz	8.6	0.073	2700
AMRL110-470K	47	2.52MHz	8.1	0.083	2500
AMRL110-560K	56	2.52MHz	7.6	0.092	2300
AMRL110-680K	68	2.52MHz	6.3	0.12	2100
AMRL110-820K	82	2.52MHz	6.0	0.14	1900
AMRL110-101K	100	1KHz	5.7	0.16	1700
AMRL110-121K	120	1KHz	4.8	0.20	1500
AMRL110-151K	150	1KHz	4.2	0.23	1400
AMRL110-181K	180	1KHz	3.9	0.31	1300
AMRL110-221K	220	1KHz	3.8	0.34	1100
AMRL110-271K	270	1KHz	3.4	0.40	1000
AMRL110-331K	330	1KHz	2.8	0.52	930
AMRL110-391K	390	1KHz	2.7	0.65	860
AMRL110-471K	470	1KHz	2.5	0.71	780
AMRL110-561K	560	1KHz	2.2	1.0	710
AMRL110-681K	680	1KHz	2.1	1.1	650
AMRL110-821K	820	1KHz	2.0	1.3	590
AMRL110-102K	1000	1KHz	1.7	1.7	530



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