



## C100SMNR

Wirewound, Conical

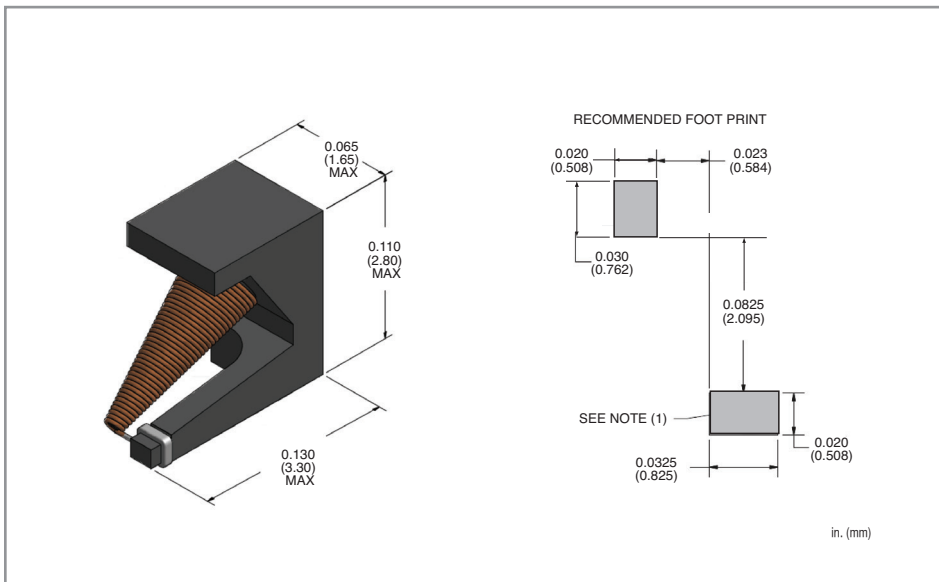


Outgassing Tested per ASTM E-595 (\*)

PART NUMBER	L $\mu$ H @10 MHz	TURNS	DCR OHMS NOM	CURRENT RATING mA DC	WIRE SIZE AWG	WIRE TYPE
POWDERED IRON CORE						
C100SMNR4947G6	1.54	49	1.70	140	47	Gold Plated Copper
C100SMNR3944G6	1.00	39	0.74	241	44	Gold Plated Copper
C100SMNR3142G6	0.58	31	0.47	302	42	Gold Plated Copper
C100SMNR2540G6	0.44	25	0.21	452	40	Gold Plated Copper
C100SMNR1938G6	0.20	19	0.10	655	38	Gold Plated Copper

Custom designs are available to meet your specific requirements; please contact factory

**These RoHS components meet the  $\leq 0.1\%$  lead requirement and they are compatible with 260°C soldering processes.**



### NOTES:

- Operating Temperature Range: -55°C to +125°C
- Current Rating is based on a 35°C temperature rise at an ambient temperature of 90°C
- All non-tolerance and electrical data are reference only and based on nominal data
- Terminations are lead-free and RoHS compliant
- Recommended that component is epoxied to substrate before reflow soldering
- (1) Terminal is elongated to allow for soldering close to the coil tip
- \* Meets a TML (Total Mass Loss) requirement of 1.0% maximum when tested in accordance with ASTM E-595; this calculation does not include WVR (Water Vapor Recovered)

### TAPE AND REEL SPECS:

Pcs./Reel maximum:	600
Pitch between parts:	8 mm
Tape width:	16 mm
Reel diameter:	7 in.