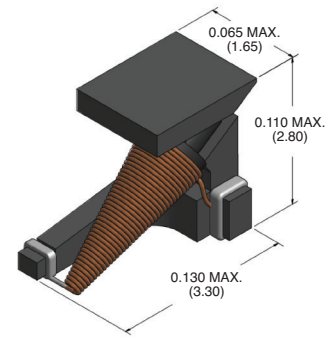


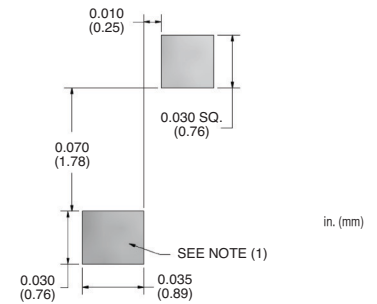
## C100SMNL RoHS Conical Inductors



PART NUMBER	TURNS	WIRE SIZE (AWG)	WIRETYPE	INDUCTANCE @10 MHZ	DCR OHMS	CURRENT RATING mA	CORE MATERIAL
C100SMNL4947C6	49	47	Copper	1.54µH	2.70	126	Powdered Iron
C100SMNL3944C6	39	44	Copper	1.00 µH	.74	241	Powdered Iron
C100SMNL3142C6	31	42	Copper	.69 µH	.47	302	Powdered Iron
C100SMNL2540C6	25	40	Copper	.44 µH	.21	452	Powdered Iron
C100SMNL1938C6	19	38	Copper	.26 µH	.10	655	Powdered Iron



### RECOMMENDED FOOTPRINT



### NOTES:

- Terminal is elongated to allow for soldering up to the tip of coil.
- Terminations are Lead Free and ROHS compliant.
- Current Rating is based on a 35°C temperature rise from a 90°C ambient.
- Operating Temperature: -55°C to +125°C
- All electrical data is reference only and based on nominal data.
- Recommended that component is epoxied to substrate before reflow soldering.

### TAPE AND REEL SPECS:

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