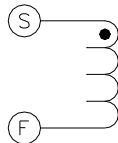
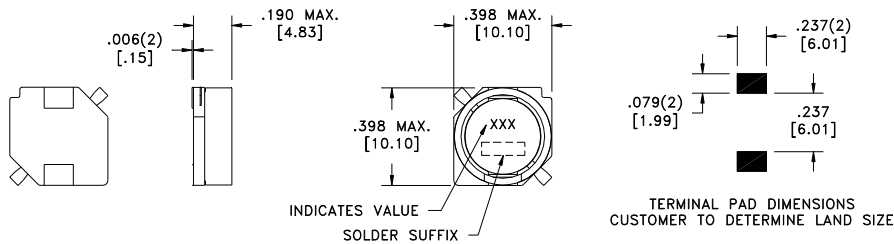


## Surface Mount Drum Core Inductors: DSS-4018 Series



Part Number	Inductance uH (Note1)	DCR Max. mΩ (Note2)	I <sub>min</sub> ADC (Note3)
DSS-4018-3R3R	3.3	20	4.30
DSS-4018-4R7R	4.7	30	3.90
DSS-4018-6R8R	6.8	20	3.70
DSS-4018-100R	10	40	3.00
DSS-4018-150R	15	50	2.40
DSS-4018-220R	22	60	2.10
DSS-4018-330R	33	80	1.60
DSS-4018-470R	47	120	1.40
DSS-4018-680R	68	140	1.20
DSS-4018-101R	100	200	1.00
DSS-4018-151R	150	350	0.79
DSS-4018-221R	220	600	0.65
DSS-4018-331R	330	680	0.54
DSS-4018-471R	470	1030	0.47
DSS-4018-681R	680	1600	0.38
DSS-4018-102R	1000	2800	0.32
DSS-4018-152R	1500	3400	0.22

Note1: Inductance values at 10kHz, 50mV, 0ADC

Note2: DCR limits at 20°C

Note3: Rated current for a 10% decrease in inductance.

### Features

- Economical, reliable SMD inductors
- Inductance range: 3.3 to 1500 μH
- Low-profile package
- High energy storage and low resistance
- Current capabilities to 4.3A
- Designed for pick and place
- Compatible with 240°C reflow profiles

### Applications

- DC/DC converter supplies
- High-frequency, medium and low voltage supplies
- Notebook computer, PDAs, peripheral, cell phone, process control, factory automation and test applications
- Battery-powered and low voltage converters

### Environmental Specifications

- Operating temp range: 0° to +70°C
- Storage temp range: -50° to +125°C

### Packaging

- Embossed 24mm carrier tape
- 800 pieces per 13" reel

Details subject to change. Contact your Midcom sales representative for additional information. Dimensions: in/mm. All tolerances are ±.010/0.25 and electrical specifications are @25°C unless otherwise specified.