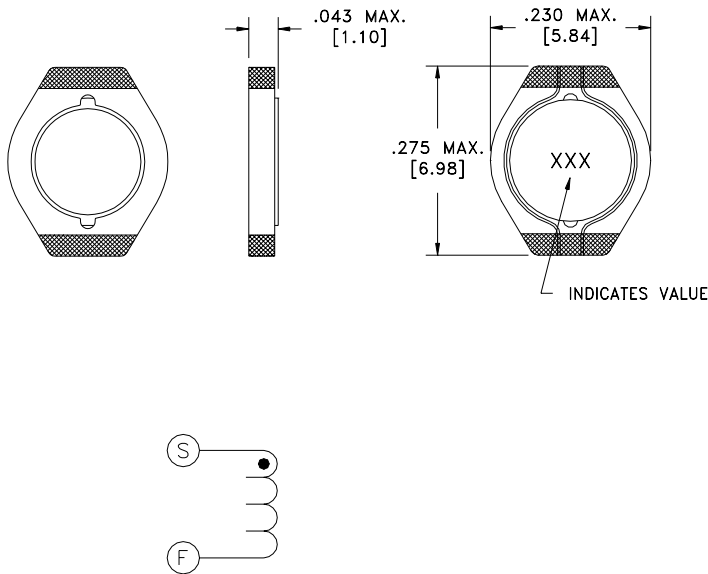


## Surface Mount Drum Core Inductors: DUS-2604 Series



### Features

- Economical, reliable SMD inductors
- Inductance range: 2.2 to 3.3  $\mu$ H
- Low-profile package
- High energy storage and low resistance
- Current capabilities to 1.6A
- 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: -40° to +85°C
- Storage temp range: -50° to +125°C

### Packaging

- Embossed 16 mm carrier tape
- 6,000 pieces per 13" reel

Part Number	Inductance $\mu$ H (Note1)	DCR Max. $\Omega$ (Note2)	Isat ADC (Note3)
DUS-2604-2R2R	2.2	0.065	1.6
DUS-2604-3R3R	3.3	0.095	1.4

Note1: Inductance value at 100kHz, 100mV, 0ADC

Note2: DCR limits a 25°C

Note3: Saturating DC current for approximately 10% roll-off from initial inductance

Details subject to change. Contact your Midcom sales representative for additional information. Dimensions: in/mm. All tolerances are  $\pm 0.10/0.25$  and electrical specifications are @25°C unless otherwise specified.