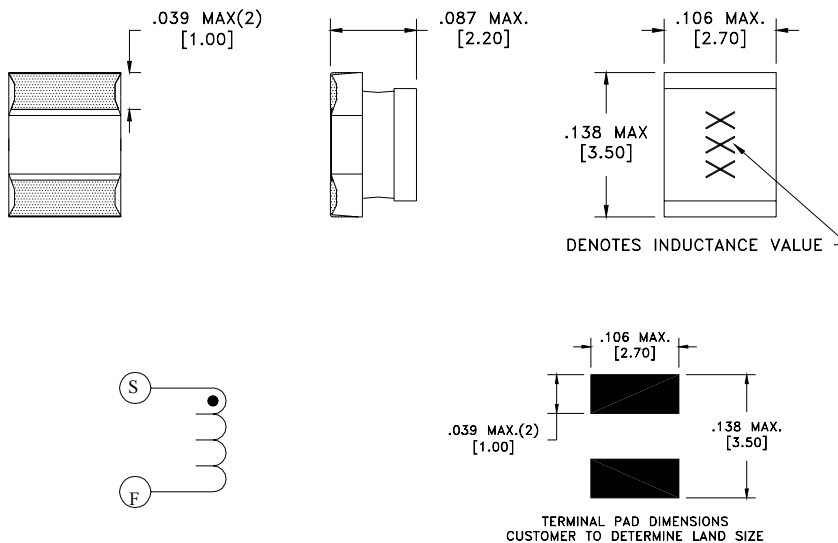


## Low Profile Surface Mount Drum Core Power Inductors: DUP-1308 Series



### Features

- Economical, reliable SMD inductors
- Inductance range: 1 uH to 560 uH
- Excellent current rating in a low-profile package
- High energy storage and low resistance
- Designed for pick and place operations
- Compatible with solder reflow processes to 240°C

### Applications

- Inductors for DC/DC conversion circuits in notebook computer, peripheral, process control, factory automation and test industries

### Environmental Specifications

- Storage temperature range: -50°C to +125°C

### Packaging

- Parts are packaged in tape and reel for pick and place

Part Number	(Note1) Inductance uH	Inductance Tolerance +/-%	Test Freq.	DCR (ohms max)	(Note2) DC (mADC)	SRF (MHz)
DUP-1308-1R0R	1	20	1MHz	.078	800	96
DUP-1308-2R2R	2.2	20	1MHz	.169	600	64
DUP-1308-4R7R	4.7	20	1MHz	.260	450	43
DUP-1308-100R	10	10	1MHz	.572	300	26
DUP-1308-220R	22	10	1MHz	.923	250	19
DUP-1308-470R	47	10	1MHz	1.69	170	15
DUP-1308-101R	100	10	1MHz	4.55	100	10
DUP-1308-221R	220	10	1MHz	10.9	70	6.8
DUP-1308-331R	330	10	1MHz	13.0	60	5.6
DUP-1308-391R	390	10	1MHz	22.1	60	5
DUP-1308-471R	470	10	1kHz	24.7	60	5
DUP-1308-561R	560	10	1kHz	28.8	60	5

### NOTES:

- 1 Inductance value at 100mV. Drive level may vary based on test instrument capability.
- 2 DC Current rating.