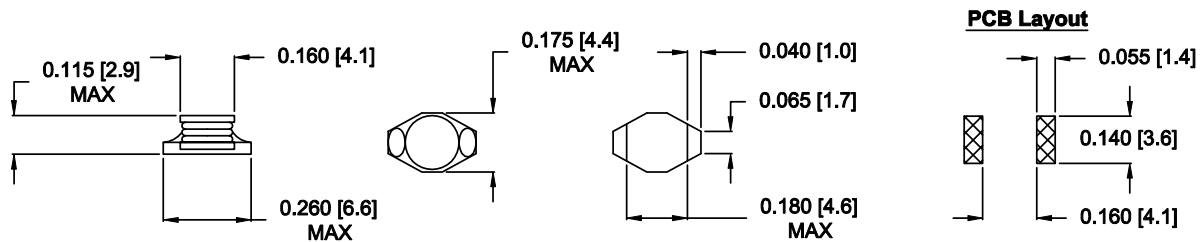


## Surface Mount Power Inductors

### 523 SERIES SURFACE MOUNT POWER INDUCTORS

### 1608 Size

- Ferrite Bobbin/Drum core.
- High Current capacity.
- Compact dimensions.
- Very stable inductance over current range.
- Ideal for Reflow Soldering.
- Tape and reel standard packaging.\*
- Low resistance and high energy storage.



PART NUMBER	INDUCTANCE ( $\mu$ H) +/-20%	RATED CURRENT (A)	DCR ( $\Omega$ ) max.	SRF (MHz) typ.
523-1608-1R0M	1.0	2.90	0.050	130.0
523-1628-1R5M	1.5	2.80	0.050	115.0
523-1608-2R2M	2.2	2.40	0.070	90.0
523-1608-3R3M	3.3	2.00	0.080	70.0
523-1608-4R7M	4.7	1.50	0.090	50.0
523-1608-6R8M	6.8	1.40	0.130	45.0
523-1608-100M	10.0	1.10	0.160	35.0
523-1608-150M	15.0	1.20	0.230	30.0
523-1608-220M	22.0	0.80	0.370	20.0
523-1608-330M	33.0	0.60	0.510	15.0
523-1608-470M	47.0	0.50	0.640	14.0
523-1608-680M	68.0	0.40	0.860	11.0
523-1608-101M	100.0	0.30	1.270	9.0
523-1608-151M	150.0	0.25	2.000	6.0
523-1608-221M	220.0	0.20	3.110	5.5
523-1608-331M	330.0	0.16	3.800	5.0
523-1608-471M	470.0	0.15	5.060	4.0
523-1608-681M	680.0	0.12	9.200	3.0
523-1608-102M	1000.0	0.07	13.80	2.0

- Notes: 1. Inductance is tested at 100KHz using an HP4284A LCR meter.  
 2. DCR is measured using an HP4338A Milliohm meter.  
 3. SRF is measured using an HP3577A Network analyzer.

\* Reel contains 2500 pcs on a 13" reel.