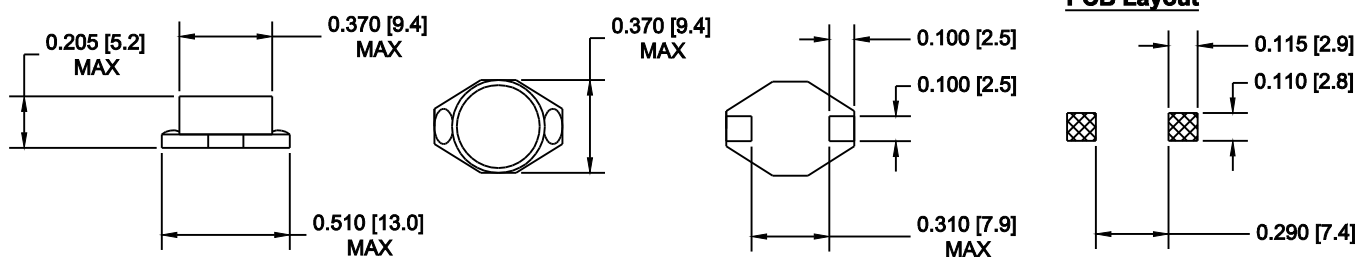


623 SERIES SURFACE MOUNT POWER INDUCTORS

3316 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.
- Shielded



| PART NUMBER | INDUCTANCE (μ H) +/-20% | RATED CURRENT (A) | DCR (Ω) max. | SRF (MHz) typ. |
|---------------|------------------------------------|----------------------|-----------------------------|----------------------|
| 623-3316-1R0M | 1.0 | 5.00 | 0.021 | 130.0 |
| 623-3316-1R5M | 1.5 | 4.50 | 0.022 | 110.0 |
| 623-3316-2R2M | 2.2 | 3.10 | 0.027 | 90.0 |
| 623-3316-3R0M | 3.0 | 2.90 | 0.030 | 65.0 |
| 623-3316-4R7M | 4.7 | 2.50 | 0.040 | 50.0 |
| 623-3316-6R8M | 6.8 | 2.20 | 0.055 | 30.0 |
| 623-3316-100M | 10.0 | 2.00 | 0.065 | 28.0 |
| 623-3316-150M | 15.0 | 1.70 | 0.085 | 20.0 |
| 623-3316-220M | 22.0 | 1.40 | 0.100 | 18.0 |
| 623-3316-330M | 33.0 | 1.20 | 0.160 | 14.0 |
| 623-3316-470M | 47.0 | 1.00 | 0.190 | 11.0 |
| 623-3316-680M | 68.0 | 0.82 | 0.340 | 9.0 |
| 623-3316-101M | 100.0 | 0.68 | 0.420 | 7.5 |
| 623-3316-151M | 150.0 | 0.55 | 0.520 | 6.3 |
| 623-3316-221M | 220.0 | 0.45 | 0.800 | 5.0 |
| 623-3316-331M | 330.0 | 0.35 | 1.200 | 4.0 |

- 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 1000 pcs on a 13" reel.