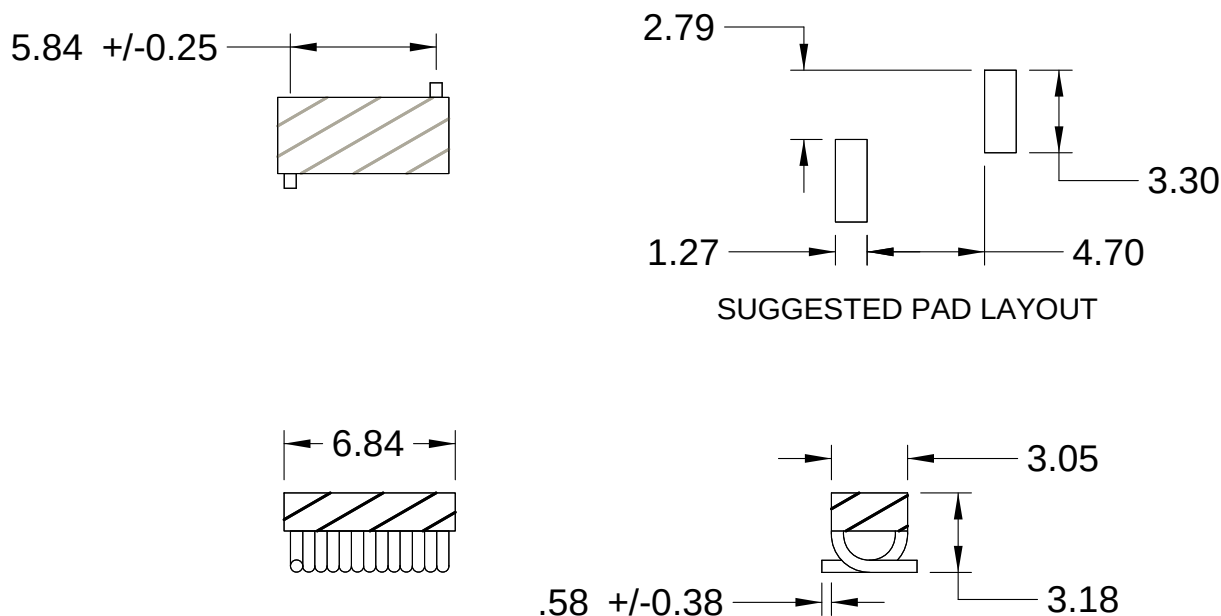


**SMD INDUCTOR DR355-2 SERIES**
**Features**

- Low Profile Surface Mount Design
- Suitable for Reflow soldering
- Inductance Range from 17.5nH to 43nH
- Operating Temp. -40°C to +125°C
- Tinned Leads with Leaded Solder is Available (note 4)


**ELECTRICAL SPECIFICATIONS AT 25°C**

| PART NO.    | INDUCTANCE<br>(nH)<br>@ 0A | Q Min. | Test Freq.<br>(MHz) | SRF (MHz)<br>Min. | DCR (mΩ)<br>MAX. | MAX. RATED<br>CURRENT<br>(A) (TYP.) |
|-------------|----------------------------|--------|---------------------|-------------------|------------------|-------------------------------------|
| DR355-2-183 | 17.5±5%                    | 100    | 150                 | 2200              | 4.5              | 4.0                                 |
| DR355-2-223 | 22.0±5%                    | 102    | 150                 | 2100              | 5.2              | 4.0                                 |
| DR355-2-283 | 28.0±5%                    | 105    | 150                 | 1800              | 6.0              | 4.0                                 |
| DR355-2-363 | 35.5±5%                    | 112    | 150                 | 1500              | 6.8              | 4.0                                 |
| DR355-2-433 | 43.0±5%                    | 106    | 150                 | 1200              | 7.9              | 4.0                                 |

**MECHANICAL OUTLINES**

**NOTE:**

1. All dimensions shown are in "mm".
2. All dimensions are reference unless other specified
3. Tape and reel quantity, 1000 pcs/reel
4. For non-RoHS parts replace DR prefix with 42- (e.g. DR355-2 becomes 42-355-2)
5. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020D