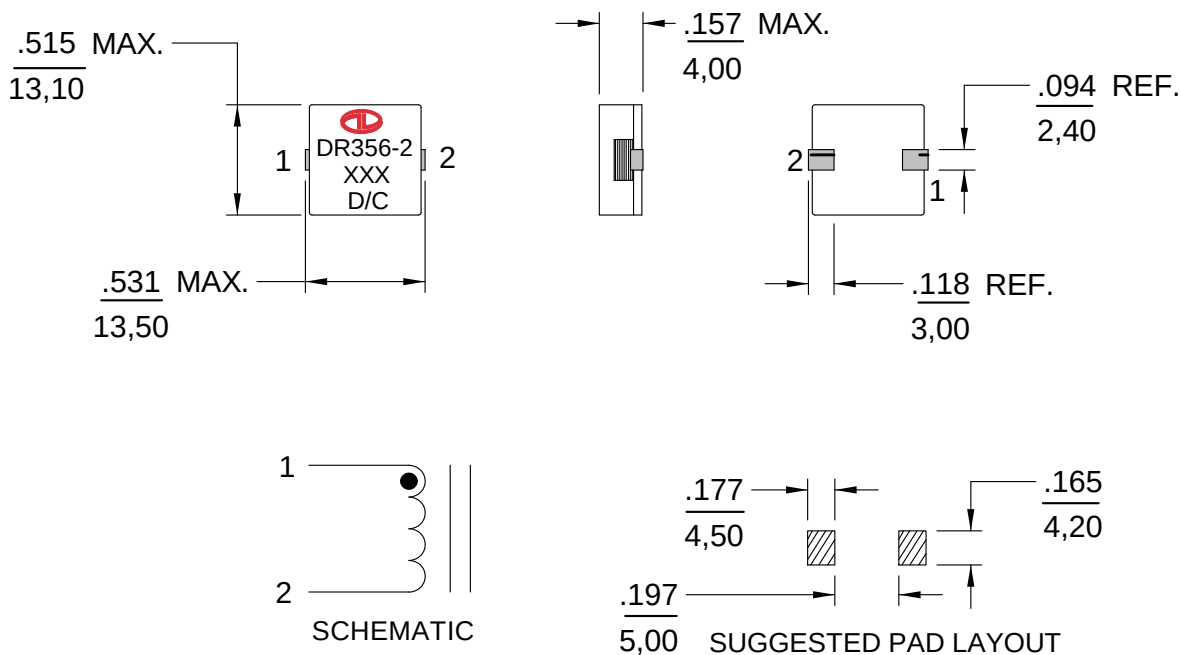


**SMD INDUCTOR DR356-2 SERIES**
**Features**

- Height: 4.0mm Max
- Current Rating: up to 40 ADC
- Operating Temperature: -40°C to +85°C
- Inductance Range: 0.25μH to 2.7μH
- Tinned Leads with Lead Solder is Available (note 3)


**Electrical Specifications @ 25°C**

| PART NUMBER | INDUCTANCE (μH)<br>0.1V @ 100kHz | DCR (mΩ)<br>Max. | RATED DC CURRENT AMPS<br>Max. |
|-------------|----------------------------------|------------------|-------------------------------|
| DR356-2-251 | 0.25 ± 30%                       | 1.0              | 40                            |
| DR356-2-601 | 0.6 ± 30%                        | 2.5              | 30                            |
| DR356-2-122 | 1.2 ± 20%                        | 3.4              | 22                            |
| DR356-2-182 | 1.8 ± 20%                        | 12               | 12                            |
| DR356-2-272 | 2.7 ± 20%                        | 14               | 10                            |

**MECHANICAL OUTLINES:**

**NOTES:**

1. Dimensions are shown in inches/millimeters  
 Unless otherwise specified, tolerance = Inches: ±0.010  
 = Millimeters: ±0,25
2. Tape & Reel Packaging, 500 pieces per reel.
3. For non-RoHS parts replace DR prefix with 42- (e.g. DR356-2 becomes 42-356-2)
4. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020D