

Features

- **Height: 3.0mm Max**
- **Frequency Range: 10kHz to 2MHz**
- **Operating Temperature: -40°C to +155°C**
- **Tinned Leads with Lead Solder is Available (note 4)**



PART NUMBER	INDUCTANCE (μH) 0.1V @ 100kHz	DCR (mΩ) Max.	Isat (A) Typ. L Drop 10%	Isat (A) Typ. L Drop 15%	Irms (A) Max. See Note 2
DR356-3-101	0.10 ± 20%	1.2	22	32	19

Figure 1: Recommended dimensions for the DR356-3 component. The figure includes three diagrams: a top view, a side view, and a schematic. The top view shows a rectangular component with dimensions: width .275 MAX. (7,0), height .311 MAX. (7,9), and a central feature with width .118 MAX. (3,0) and height .161 (4,1). The side view shows a component with a height of .098 (2,5) and a width of .062 (1,6). The schematic shows a component with a width of .157 (4,00) and a height of .118 (3,00). The suggested pad layout shows a component with a width of .098 (2,50) and a height of .118 (3,00).

1. Dimensions are shown in inches/millimeters
Unless otherwise specified, tolerance = Inches: ± 0.010
= Millimeters: $\pm 0,25$
2. Temperature rise of 40°C @ Irms
3. Tape & Reel Packaging, 1000 pieces per reel.
4. For non-RoHS parts replace DR prefix with 42- (e.g. DR356-3 becomes 42-356-3)
5. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020D