



## SMD INDUCTOR DR77194

- Height: 6.98mm Max
- Footprint: 10.80mm x 13.20mm Max
- Current Rating: 27A
- Operating Temperature -20°C to +85°C
- Tinned Leads with Lead Solder is Available (note 2)

## ELECTRICAL SPECIFICATIONS AT 25°C

INDUCTANCE (1-2) @ 10kHz, 0.1 Vrms .56μH ±10%

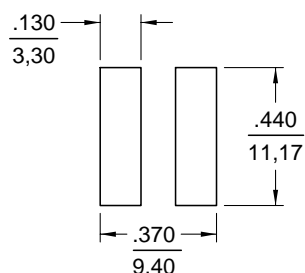
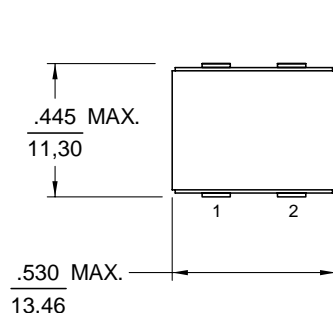
INDUCTANCE WITH 27 ADC BIAS

(1-2) @ 10kHz, 0.1 Vrms .42μH MIN.

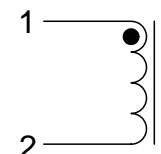
DCR (1-2) 0.002Ω MAX

HIPOT WINDING TO CORE 300 VDC

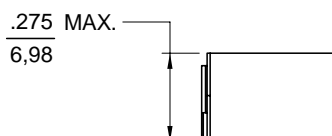
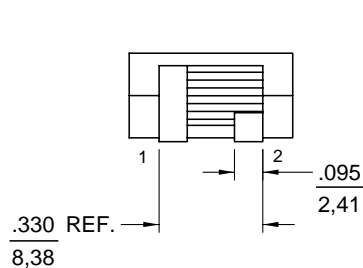
## OUTLINE SPECIFICATIONS



SUGGESTED PAD LAYOUT



SCHEMATIC



### Notes:

1. Tolerance: Unless otherwise specified, inches/mm = ± 0.010/0,25
2. For non-RoHS parts replace DR prefix with 42- (e.g. DR77194 becomes 42-77194)
3. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020C

DATATRONIC: 28151 Highway 74, Romoland, CA 92585 Tel 951-928-7700, Toll free 888-889-5391, FAX 951-928-7701

Email: [ddisales@datatronics.com](mailto:ddisales@datatronics.com)

499 King's Road, Hong Kong Tel: (852) 2562 3858, (852) 2564 8477 Fax: (852) 2565 7214, (852) 2563 1290

All specifications are subject to change without notice.