

SMT POWER INDUCTOR

ASTC-17 SERIES



STANDARD SPECIFICATIONS:

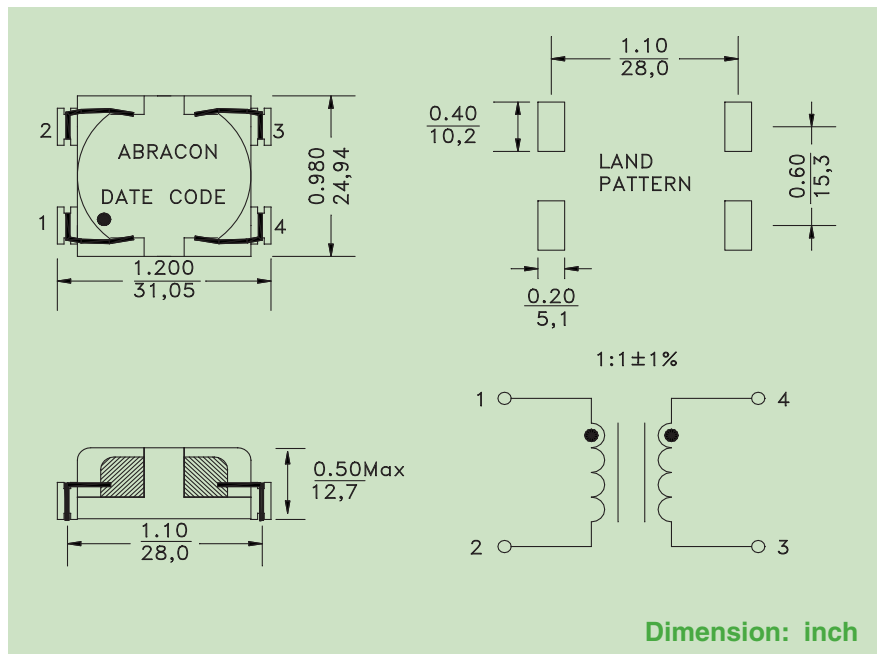
PARALLEL CONNECTION

| Part Number | L (μH) $\pm 20\%$ $0A_{\text{DC}}$ | Full load Inductance (μH) $\pm 20\%$ | DCR Max Parallel ($\text{m}\Omega$) | DC Bias Parallel (A) |
|-------------|---|---|---------------------------------------|----------------------|
| ASTC-17-1 | 9.5 | 4.52 | 4.8 | 19 |
| ASTC-17-2 | 7.2 | 3.20 | 3.5 | 24 |
| ASTC-17-3 | 5.1 | 2.45 | 2.5 | 27 |
| ASTC-17-4 | 3.5 | 1.60 | 1.6 | 34 |
| ASTC-17-5 | 2.1 | 1.10 | 1.3 | 38 |

SERIES CONNECTION

| Part Number | L (μH) $\pm 20\%$ $0A_{\text{DC}}$ | Full load Inductance (μH) $\pm 20\%$ | DCR Max Series ($\text{m}\Omega$) | DC Bias Series (A) |
|-------------|---|---|-------------------------------------|--------------------|
| ASTC-17-1 | 38.0 | 18.1 | 19.3 | 9.5 |
| ASTC-17-2 | 28.7 | 12.8 | 13.8 | 12.0 |
| ASTC-17-3 | 20.4 | 9.8 | 10.1 | 13.5 |
| ASTC-17-4 | 13.8 | 6.4 | 6.4 | 17.0 |
| ASTC-17-5 | 8.4 | 4.3 | 5.1 | 19.0 |

PHYSICAL CHARACTERISTICS:



TECHNICAL INFORMATION:

- Temperature rise is 55°C typical @ rated IDC
- Inductance test @ 100KHz, 0.1VRMS
- Add -T for tape and reel