

SMT POWER INDUCTOR

ASTC-17 SERIES



STANDARD SPECIFICATIONS:

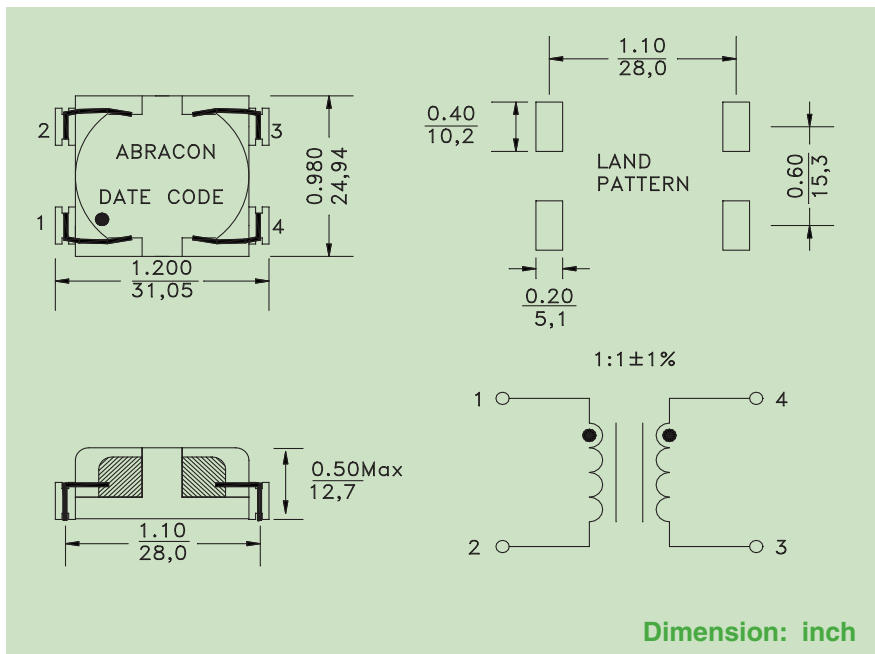
PARALLEL CONNECTION

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