

# SMT TOROID INDUCTOR

## ASTC-03 SERIES



### STANDARD SPECIFICATIONS:

| Part Number | L ( $\mu$ H)<br>$\pm 20\%$ | Full load Inductance ( $\mu$ H) Min | DCR Max Parallel ( $m\Omega$ ) | DC Bias Parallel (A) |
|-------------|----------------------------|-------------------------------------|--------------------------------|----------------------|
| ASTC-03-R47 | 0.40                       | 0.26                                | 5                              | 5.50                 |
| ASTC-03-R68 | 0.63                       | 0.41                                | 6                              | 4.50                 |
| ASTC-03-1   | 0.90                       | 0.56                                | 7                              | 4.20                 |
| ASTC-03-2   | 2.03                       | 1.00                                | 11                             | 4.10                 |
| ASTC-03-3   | 4.90                       | 2.66                                | 31                             | 2.30                 |
| ASTC-03-4   | 8.10                       | 4.08                                | 40                             | 2.00                 |
| ASTC-03-5   | 10.00                      | 4.85                                | 44                             | 1.90                 |
| ASTC-03-6   | 14.40                      | 8.47                                | 80                             | 1.10                 |
| ASTC-03-7   | 19.60                      | 11.54                               | 146                            | 1.00                 |
| ASTC-03-8   | 25.60                      | 16.35                               | 167                            | 0.74                 |
| ASTC-03-9   | 32.40                      | 19.84                               | 293                            | 0.72                 |
| ASTC-03-10  | 50.63                      | 29.34                               | 366                            | 0.64                 |
| ASTC-03-11  | 67.60                      | 39.73                               | 517                            | 0.54                 |
| ASTC-03-12  | 99.23                      | 58.72                               | 785                            | 0.44                 |
| ASTC-03-13  | 148.23                     | 85.16                               | 966                            | 0.38                 |
| ASTC-03-14  | 202.50                     | 107.60                              | 1142                           | 0.37                 |
| ASTC-03-15  | 302.50                     | 191.38                              | 1432                           | 0.22                 |

### TECHNICAL INFORMATION:

- T for Tape & Reel
- RoHS compliance effective 0526, label on reel and box

### PHYSICAL CHARACTERISTICS:

