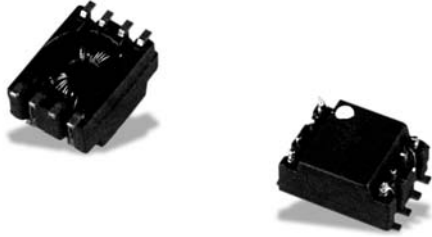


EMI Suppression Chokes - ESC Series



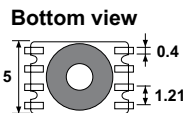
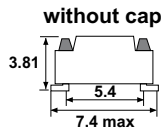
These common-mode chokes provide excellent attenuation of asymmetric EMI on signal lines and in switch-mode power supplies.

- Surface-mount package
- Suited for IR and vapor reflow soldering
- Materials meet UL94-V0 rating
- Frequency range up to 100 MHz
- Operating temperature range: -40°C to +125°C
- Weight: 0.5 gram

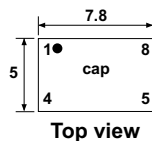
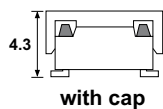
Electrical Data

| Part Number (typical values) | Inductance at 100 kHz μH | Rdc Max (at 80°C) m | Impedance at 100 MHz Ω | Attenuation 50 Ω at 10MHz dB | Rated Current max mA | Isolation between windings Vrms |
|------------------------------|-------------------------------------|---------------------|-------------------------------|-------------------------------------|----------------------|---------------------------------|
| ESC X1 15K 1S | 15 | 20 | 100 | 6,5 | 750 | 250 |
| ESC X1 56K 1S | 56 | 35 | 250 | 12 | 600 | 250 |
| ESC X1 M47 1S | 470 | 470 | 1200 | 27,5 | 250 | 250 |

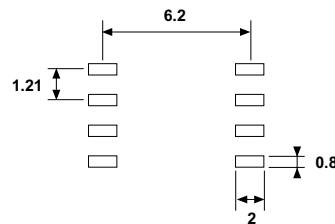
ESC0x xxx xS



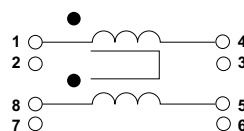
ESC1x xxx xS



PCB Layout (suggested)



Connections



Packaging

Tape and Reel: 2200 pieces

