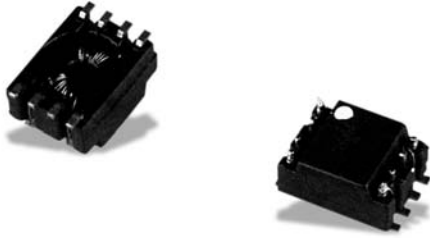


# EMI Suppression Chokes - ESC Series



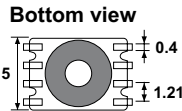
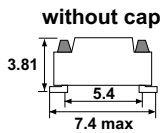
These common-mode chokes provide excellent attenuation of asymmetric EMI on signal lines and in switch-mode power supplies.

- 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

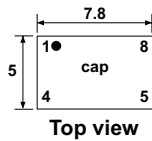
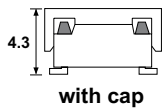
## Electrical Data

Part Number (typical values)	Inductance at 100 kHz $\mu$ H	Rdc Max (at 80°C) m	Impedance at 100 MHz $\Omega$	Attenuation 50 $\Omega$ 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

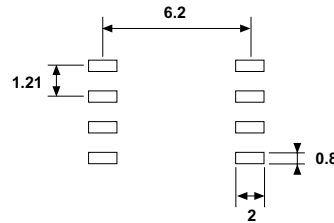
### ESC0x xxx xS



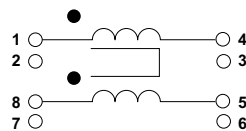
### ESC1x xxx xS



## PCB Layout (suggested)



## Connections



## Packaging

Tape and Reel : 2200 pieces

