

# ISDN MAGNETICS

## Surface Mount Common Mode Choke

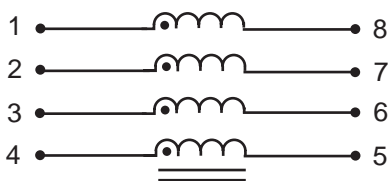
TM00202

- Designed to filter high-frequency EMI noise from 1 MHz to 200 MHz
- Optimized for ISDN S/T-interface communications
- Minimum interwinding breakdown voltage of 500 Vrms

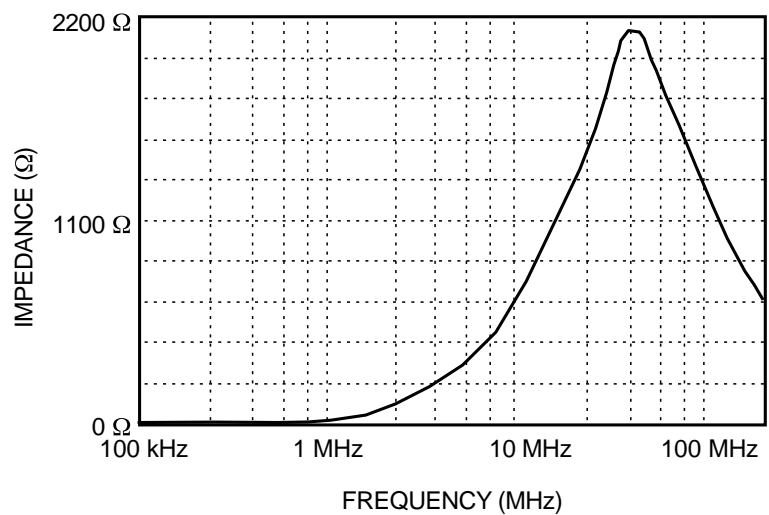
### ELECTRICAL SPECIFICATIONS at 25° C

Part Number	Primary Inductance $\mu\text{H}$ min	Leakage Inductance nH max	DCR $\Omega$ max	Interwinding Capacitance pF max
1793A	22.5	250.0	0.35	17

### SCHEMATIC



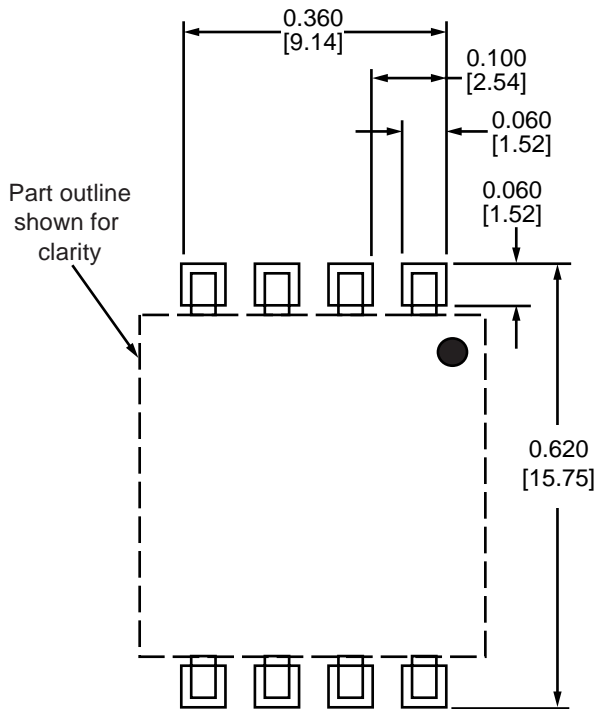
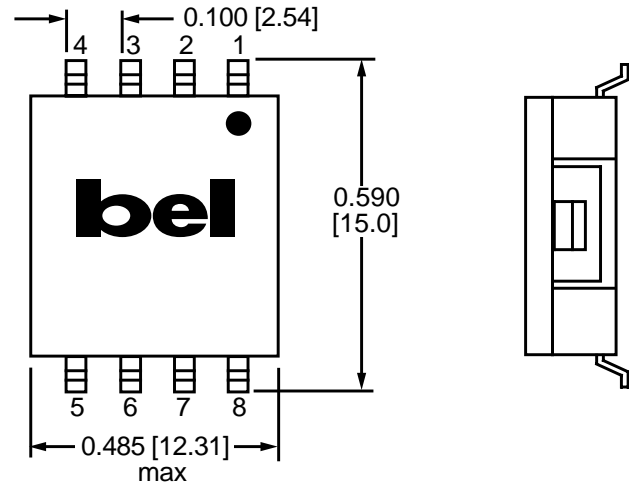
### TYPICAL IMPEDANCE vs. FREQUENCY



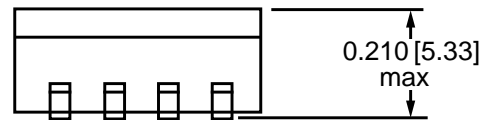
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#### MECHANICAL

1793A



Suggested PCB Pad Layout



Note: Unless otherwise specified, dimensions are nominal and in inches [millimeters].

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