



**ADSL Filter Inductors**

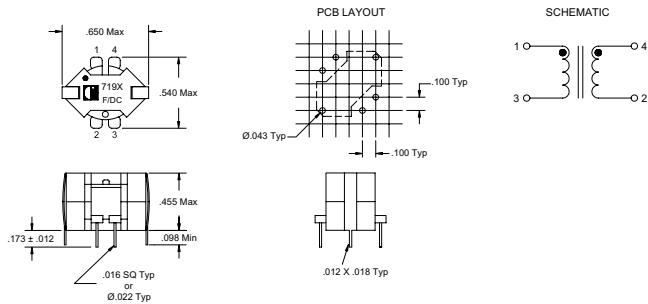
7191 - 7194



- Low cost through hole design
- Designed for use in ADSL applications where filtering is required
- Balanced winding
- Operating temperature range: -40°C to +85°C
- Units can withstand 100A surge of 10/700  $\mu$ s pulse
- Flame retardant UL 94 V-0



**Mechanical and Schematic (All dimensions in inches)**



UNLESS OTHERWISE SPECIFIED, ALL TOLERANCES ARE  $\pm 0.010$

**ELECTRICAL SPECIFICATION @ 25°C**

Part Number	Turns Ratio $\pm 2\%$	Inductance (mH)		DCR ( $\Omega$ )		Leakage Inductance ( $\mu$ H MAX) @ 100 kHz, 0.1 Vrms	Dielectric Rating (Vrms) between (1-3) & (4-2) and 1, 2 and core
		(1-3) @ 10 kHz, 0.1 Vrms	(1-3) MIN	(1-3)	(4-2)		
7191	1 : 1	3 - 3.3	2.85 <sup>1</sup>	2.1 - 2.7	2.1 - 2.7	5	1000
7192	1 : 1	2.4 - 2.65	2.3 <sup>1</sup>	3.0 - 3.6	3.0 - 3.6	5	1000
7193	1 : 1	4.3 - 4.73	4.1 <sup>1</sup>	4.0 - 5.1	4.0 - 5.1	6	1000
7194	1 : 1	7.6 - 8.4	7.3 <sup>2</sup>	4.3 - 5.8	4.3 - 5.8	6	1000

1. Measured @ 10 kHz, 0.1 Vrms, 100 mA DC  
2. Measured @ 10 kHz, 0.1 Vrms, 40 mA DC

