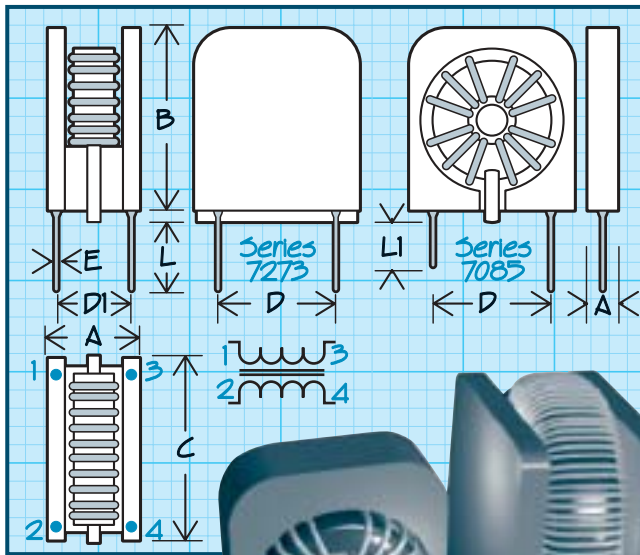


Series 7085 & 7273

EMI/RFI Filter Chokes



API Delevan's new line of ferrite chokes are specifically engineered for maximum impedance to more effectively suppress high frequency noise or oscillations. These chokes begin where simple beads leave off.

They have two to three times the impedance of a standard bead occupying the same space. This is a tremendous benefit when you consider the value of space on a circuit board.

- **High Performance** Ferrites with superior frequency characteristics
- **Compact size**, high performance and low cost
- **Enable common-mode noise suppression** without influencing video signals
- **Ensures excellent attenuation** characteristics over a wide frequency range

Operating Temperature Range -55° to +125°C

- **Packaging** Tape & reel: 2-Pin design available on 13.5" diameter tape and reel for automatic installation, 2000 pieces/reel max.; 4-Pin design in bulk only

For more detailed graphs, contact factory

PART NUMBER
VOLTAGE RATING (V)
CURRENT RATING MAX. (mA)
INDUCTANCE (µH) ±50%
DC RESISTANCE MAXIMUM (mΩ)
INSULATION * VOLTAGE (VDC)

SERIES 7085					
7085-R9	50	500	0.9	30	200
7085-5R5	50	500	9.0	30	200
7085-20	50	500	68	90	200
7085-135	50	500	120	110	200
SERIES 7273					
7273-6	50	500	50	50	200 between lines
7273-10	50	500	90	75	200 between lines
7273-15	50	500	150	105	200 between lines

* **Note** One minute line to case. Inductance measured @ 1 KHz/1V

Physical Parameters

	Series 7085		Series 7273	
	Inches	Millimeters	Inches	Millimeters
A	0.098 ±0.02	2.5±0.5	0.283±0.02	7.2±0.5
B	0.335±0.02	8.5±0.5	0.287±0.02	7.3±0.5
C	0.275±0.02	7.0±0.5	0.236±0.02	6.0±0.5
D	0.196±0.02	5.0±0.5	0.10±0.012	2.54±0.3
D1	—	—	0.20±0.5	5.08±0.5
E	0.023	0.60 (23 AWG)	0.023	0.60 (23 AWG)
L	0.768±0.04	19.5±1.0	0.141±0.02	0.60±0.5
L1	0.610±0.04	15.5±1.0	—	—

