

## Power-Over-Ethernet (POE)

MJ8-505-24D3A60-12B



*Designed to protect Power-Over-Ethernet (POE) (Mode B) network devices with transmission speeds up to 100BaseT. All eight pins are protected by a carefully designed circuit that isolates data from ethernet power lines. The ultra-sharp clamping response permanently eliminates transients from your POE applications.*

### Applications

- Wireless Access Points (WAPs)
- IP Telephony Sets
- IP Cameras
- Switches
- Midspan PSE

### POE Surge Protection

- Data clamp voltage: 7.5 VDC
- Power clamp voltage: 60 VDC
- Handles up to 100 BaseT
- Common/Diff. mode protection (L-G, L-L)
- All 8 pins protected
- UL497B

### Specifications

Citel Model Number	MJ8-505-24D3A60-12B
Data Clamp Voltage: (Pins 1,2,3,6)	7.5 VDC
Power Clamp Voltage (Pins 4,5,7,8)	60 VDC
Peak Pulse Current:: (10/1000µs)	Pins 1, 2, 3 & 6 = 132 amps Pins 4, 5, 7 & 8 = 50 amps
Response Time:	<5 nanoseconds
Maximum Shunt Capacitance:	< 25 pf
Protection Mode: Common+Differential	L-G, L-L
Connector	RJ45

\*All specifications are subject to change without notice.  
Dimension: H x W X L (0.925" x 1.47" x 3.6")

