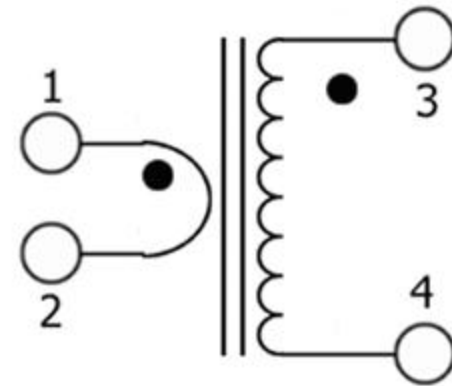
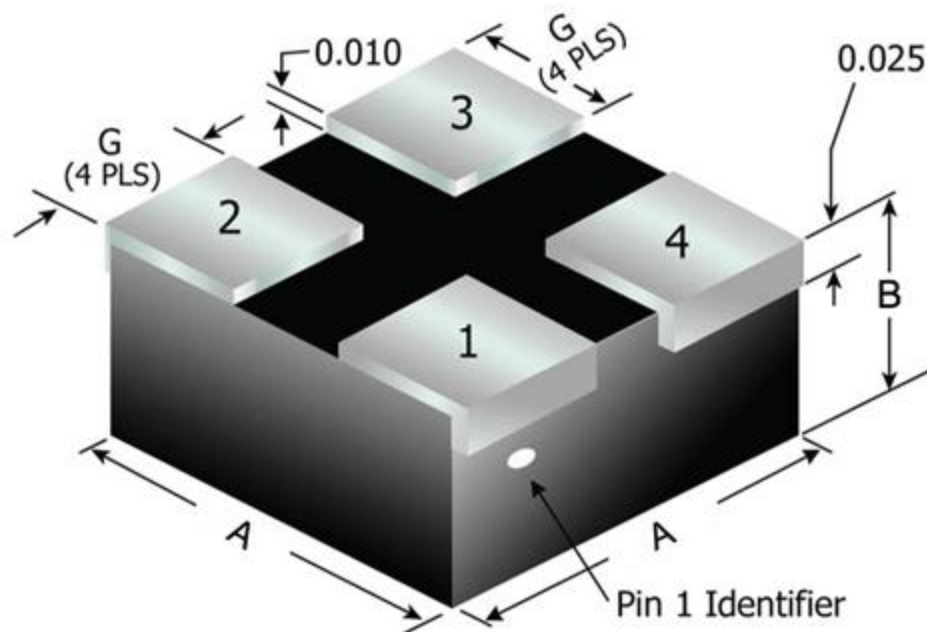


# QPL - CTS Series

## Current Transformers In Square Package



### FEATURES

- Leadless device for minimum footprint
- Lead Pad Coplanarity Max: 0.002 inches; 0.05 mm
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials
- Built to meet Mil-T-27 specifications
- Custom Designs: Other electrical configurations and performance characteristics are available in various sizes and package types.

### CHARACTERISTICS

- Operating Temperature Range: -55 °C to +125 °C
- Temperature Rise @ rated current: < 30 °C
- Dielectric Withstanding Voltage: 500 Vac
- Moisture, Shock and Immersion Resistant
- Resistance to Soldering Heat: 265 °C for 10 secs
- Outgassing meets NASA spec SP-R-0022A: TML < 1%
- Terminations: 90/10 Tin/Lead Plating
- Welded Internal Connections, Transfer Molded Package

Part Number	I peak Amps maximum	Volt-Second $\mu$ V-Sec minimum	DCR Ohms, max.	Inductance mH (ref.)	Turns Ratio
<b>CTS100 Series</b>					
CTS101	5	20	0.85	2.8	1 : 50
CTS102	5	20	1.2	5.7	1 : 100
CTS103	5	40	5.6	23.0	1 : 200
<b>CTS200 Series</b>					
CTS201	10	40	1.2	4.4	1 : 50
CTS202	10	40	1.5	8.9	1 : 100
<b>CTS300 Series</b>					
CTS301	20	40	1.2	4.4	1 : 50
CTS302	10	80	7.9	35.0	1 : 200
<b>CTS400 Series</b>					
CTS401	20	144	2.9	21.0	1 : 100
CTS402	20	288	6.0	85.0	1 : 200

### PHYSICAL PARAMETERS

	CTS100	CTS200	CTS300	CTS400
A	.250 $\pm$ .010	.400 $\pm$ .010	.400 $\pm$ .010	.525 $\pm$ .010
B	.230 Max	.230 Max	.310 Max	.310 Max
G	.085	.135	.135	.200
W	0.6g	1.5g	2.8g	4.1g



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