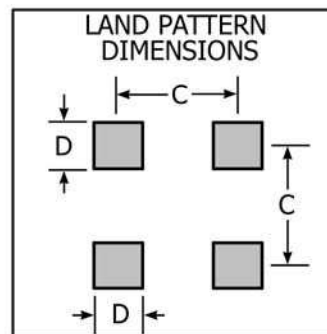
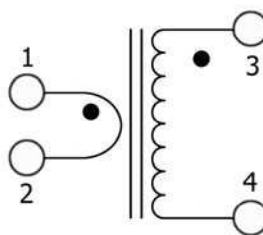
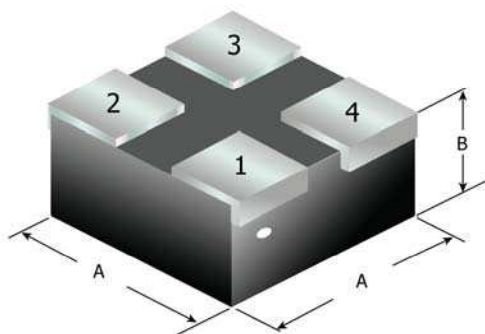


SCTS Series

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
- Custom Designs: Other electrical configurations and performance characteristics are available in various sizes and package types.

CHARACTERISTICS

- Met the requirements of MIL-PRF-27 and MIL-STD-981, class S or class B. Class S parts are intended for critical flight and mission-essential ground support applications and any application that is critical to safety. Class B parts are for use in non-critical flight and non-mission-essential ground support applications.
- 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 Ordering Information:

SCTSxxxB-Group A screening for class B parts per MIL-STD-981.

SCTSxxxs-Group A and B screening for class S parts per MIL-STD-981.

Part Number	I peak Amps maximum	Volt-Second μV-Sec minimum	DCR Ohms, max.	Inductance mH (ref.)	Turns Ratio
SCTS100 Series					
SCTS101	5	20	0.85	2.8	1 : 50
SCTS102	5	20	1.2	5.7	1 : 100
SCTS103	5	40	5.6	23.0	1 : 200
SCTS200 Series					
SCTS201	10	40	1.2	4.4	1 : 50
SCTS202	10	40	1.5	8.9	1 : 100
SCTS300 Series					
SCTS301	20	40	1.2	4.4	1 : 50
SCTS302	10	80	7.9	35.0	1 : 200
SCTS400 Series					
SCTS401	20	144	2.9	21.0	1 : 100
SCTS402	20	288	6.0	85.0	1 : 200

PHYSICAL PARAMETERS

	CTS100	CTS200	CTS300	CTS400
A	.250 ± .010	.400 ± .010	.400 ± .010	.525 ± .010
B	.230 Max	.230 Max	.310 Max	.310 Max
C	.160	.260	.260	.325
D	.140	.190	.190	.250
WT				



COAST / ADVANCED CHIP MAGNETICS

4225 Spencer Street, Torrance CA 90503 • Phone: 310-370-8188 • Fax: 310-370-8388
Web: <http://www.coastacm.com> • Email: sales@coastacm.com