



Physical Parameters				
	SCTS100	SCTS200	SCTS300	SCTS400
A	0.250 ± .010	0.400 ± .010	0.400 ± .010	0.525 ± .010
B	.230 Max	.230 Max	.310 Max	.310 Max
G	.085	.135	.135	.200
WT	0.6 g	1.5 g	2.8 g	4.1 g

Tape & Reel (additional charge)		
Package	Small Reel (Qty)	Large Reel (Qty)
SCTS100	300	1000
SCTS200	200	650
SCTS300	200	650
SCTS400	125	300

FEATURES

- Leadless device for minimum footprint
- 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

SPECIFICATIONS

- Operating temperature range: -55°C to 125°C
- Temperature rise at rated DC current is less than 30°C
- Inductance tested at 10 kHz
- Dielectric Withstanding Voltage: 500 VAC
- Moisture, Shock, and Immersion Resistant
- Resistance to Soldering Heat: 265°C for 10 sec
- Terminations: 90/10 Tin/Lead Plating
- Welded Connections, Transfer Molded Package
- Outgassing meets NASA spec SP-R-0022A: TML < 1%
- Meets 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-flight and non-mission-essential ground support applications.

Part or Identifying Number (PIN):

SCTSxxxS: MIL-STD-981, Class S

SCTSxxxB: MIL-STD-981, Class B

Part Number	Current Peak Max (A)	Volt-Sec Min (v-μsec)	DCR Max (Ω)	Inductance Reference (mH)	Turns Ratio
SCTS100 Series					
SCTS101	5	20	0.85	2.80	1 : 50
SCTS102	5	20	1.20	5.70	1 : 100
SCTS103	5	40	5.60	23.00	1 : 200
SCTS200 Series					
SCTS201	10	40	1.20	4.40	1 : 50
SCTS202	10	40	1.50	8.90	1 : 100
SCTS300 Series					
SCTS301	20	40	1.20	4.40	1 : 50
SCTS302	10	80	7.90	35.00	1 : 200
SCTS400 Series					
SCTS401	20	144	2.90	21.00	1 : 100
SCTS402	20	288	6.00	85.00	1 : 200



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