

ADSL FREQUENCY FILTER INDUCTORS

FEATURES

- Excellent THD performance in a small footprint
- Used exclusively for frequency filtering
- Isolation Voltage: 500 Vrms
- Matched to various manufacturers' ADSL chipsets

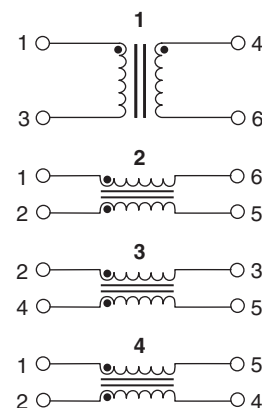
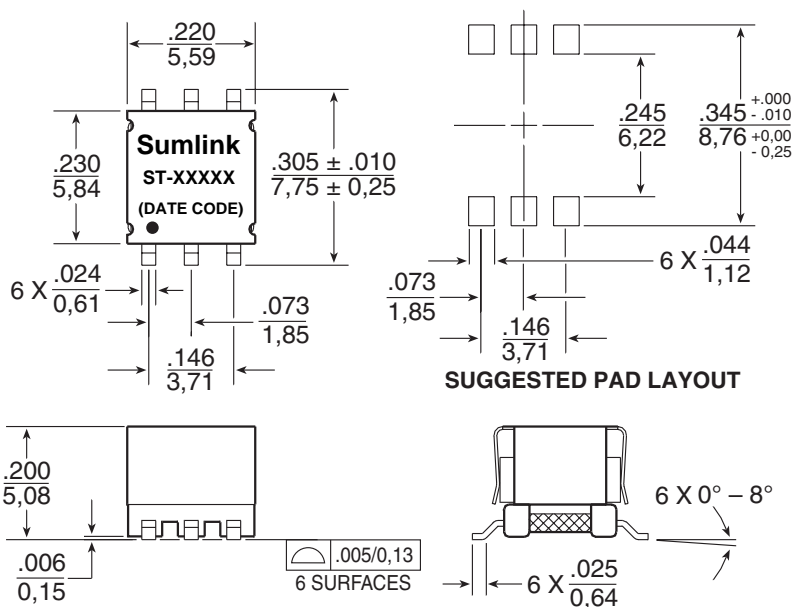


Electrical Specifications @ 25°C — Operating Temperature -40°C to 85°C

Part Number	Application	Turns Ratio (±2%)	Inductance (μH MAX ±7%)	DC Resistance (Ω MAX)	Schematic	Matched to	
						IC Manufacturer	Part Number
ST-S8082	CPE	(1-6)/(2-5) 1:1	(1-6) = (2-5) = 140	(1-6) = (2-5) = 6.0	2	For General use	
ST-S2128	CPE	(1-6)/(2-5) 1:1	(1-6) = (2-5) = 500	(1-6) = (2-5) = 12.0	2	For General use	
ST-S2184	CPE	(1-5)/(2-4) 1:1	(1-5) = (2-4) = 91	(1-5) = (2-4) = 3.5	4	For General use	
ST-S2198	CPE	(2-3)/(4-5) 1:1	(2-3) = (4-5) = 74	(2-3) = (4-5) = 5.0	3	For General use	
ST-S8115	CO	(1-3)/(4:6) 1:1	(1-3) = (4:6) = 500	(1-3) = (4:6) = 9.0	1	STMicroelectronics (Alcatel)	MTB-20850/MTB-21250
ST-S8118	CO	(1-3)/(4:6) 1:1	(1-3) = (4:6) = 282	(1-3) = (4:6) = 9.0	1	STMicroelectronics (Alcatel)	MTB-20850/MTB-21250
ST-S8253	CPE	(1-3)/(4:6) 1:1	(1-3) = (4:6) = 185	(1-3) = (4:6) = 4.8	1	STMicroelectronics (Alcatel)	MTB-20850/MTB-21250
ST-S8254	CPE	(1-3)/(4:6) 1:1	(1-3) = (4:6) = 110	(1-3) = (4:6) = 2.5	1	STMicroelectronics (Alcatel)	MTB-20850/MTB-21250
ST-S8153	CPE	(1-3)/(4:6) 1:1	(1-3) = (4:6) = 5.0	(1-3) = (4:6) = 0.7	1	STMicroelectronics (Alcatel)	MTB-20150/MTB-20170
ST-S2208	CO	(1-6)/(2-5) 1:1	(1-6) = (2-5) = 170	(1-6) = (2-5) = 4.0	2	Centillium	CT-L50SC04
ST-S2209	CO	(1-6)/(2-5) 1:1	(1-6) = (2-5) = 300	(1-6) = (2-5) = 7.0	2	Centillium	CT-L50SC04
ST-S2210	CO	(1-6)/(2-5) 1:1	(1-6) = (2-5) = 455	(1-6) = (2-5) = 9.0	2	Centillium	CT-L50SC04
ST-S2125	CO	(1-6)/(2-5) 1:1	(1-6) = (2-5) = 50	(1-6) = (2-5) = 2.0	2	GlobespanVirata	G7000 (DMT/CAP)
ST-S2126	CO	(1-6)/(2-5) 1:1	(1-6) = (2-5) = 170	(1-6) = (2-5) = 6.5	2	GlobespanVirata	G7000 (DMT/CAP)
ST-S2127	CO	(1-6)/(2-5) 1:1	(1-6) = (2-5) = 340	(1-6) = (2-5) = 7.5	2	GlobespanVirata	G7000 (DMT/CAP)
ST-S2155	CO	(1-6)/(2-5) 1:1	(1-6) = (2-5) = 205	(1-6) = (2-5) = 6.0	2	GlobespanVirata	G7000 (DMT/CAP)
ST-S8195	CO	(1-6)/(2-5) 1:1	(1-6) = (2-5) = 102.5	(1-6) = (2-5) = 6.0	2	GlobespanVirata	Titanium Express

Mechanical

Schematic



Dimensions: Inches
mm
Unless otherwise specified, all tolerances are ± .010 / 0.25