

CHIP INDUCTOR WIRE WOUND TYPE

SWI 1008 PT (2520) POWER SERIES

Specification

Part No.	Inductance ¹ (uH)	Percent Tolerance	Q ² Min	S.R.F. ³ Min (MHz)	RDC ⁴ Max (Ω)	IDC ⁵ Max (mA)	
SWI 1008 PT 1R0 □□□	1 @ 100 KHz	M	35 @	1 MHZ	344	0.05	1000
SWI 1008 PT 1R5 □□□	1.5 @ 100 KHz	M	35 @	1 MHZ	260	0.06	800
SWI 1008 PT 1R8 □□□	1.8 @ 100 KHz	M	35 @	1 MHZ	225	0.09	680
SWI 1008 PT 2R7 □□□	2.7 @ 100 KHz	M	38 @	1 MHZ	185	0.14	650
SWI 1008 PT 3R9 □□□	3.9 @ 100 KHz	M	38 @	1 MHZ	175	0.26	650
SWI 1008 PT 4R7 □□□	4.7 @ 100 KHz	M	38 @	1 MHZ	160	0.35	500
SWI 1008 PT 5R6 □□□	5.6 @ 100 KHz	M	38 @	1 MHZ	150	0.40	450
SWI 1008 PT 6R8 □□□	6.8 @ 100 KHz	M	38 @	1 MHZ	120	0.60	400
SWI 1008 PT 100 □□□	10 @ 100 KHz	M	38 @	1 MHZ	100	0.95	250
SWI 1008 PT 150 □□□	15 @ 100 KHz	M	38 @	1 MHZ	35	1.15	220
SWI 1008 PT 220 □□□	22 @ 100 KHz	M	40 @	1 MHZ	26	1.40	180
SWI 1008 PT 330 □□□	33 @ 100 KHz	M	45 @	1 MHZ	20	1.60	150
SWI 1008 PT 390 □□□	39 @ 100 KHz	M	45 @	1 MHZ	14	1.85	130
SWI 1008 PT 470 □□□	47 @ 100 KHz	M	45 @	1 MHZ	14	2.50	110
SWI 1008 PT 680 □□□	68 @ 100 KHz	M	45 @	1 MHZ	12	3.80	100
SWI 1008 PT 820 □□□	82 @ 100 KHz	M	45 @	1 MHZ	9.0	4.20	100
SWI 1008 PT 101 □□□	100 @ 100 KHz	M	45 @	1 MHZ	7.0	5.80	80
SWI 1008 PT 121 □□□	120 @ 100 KHz	M	45 @	1 MHZ	6.0	6.20	60
SWI 1008 PT 151 □□□	150 @ 100 KHz	M	40 @	1 MHZ	5.6	7.50	50
SWI 1008 PT 221 □□□	220 @ 100 KHz	M	40 @	1 MHZ	4.0	10.00	50
SWI 1008 PT 331 □□□	330 @ 100 KHz	M	40 @	1 MHZ	3.8	11.50	50
SWI 1008 PT 471 □□□	470 @ 100 KHz	M	35 @	1 MHZ	2.0	16.50	50
SWI 1008 PT 561 □□□	560 @ 100 KHz	M	35 @	1 MHZ	2.0	18.00	30
SWI 1008 PT 681 □□□	680 @ 100 KHz	M	30 @	1 MHZ	1.8	24.00	30
SWI 1008 PT 821 □□□	820 @ 100 KHz	M	30 @	1 MHZ	1.5	26.00	30
SWI 1008 PT 102 □□□	1000 @ 100 KHz	M	30 @	1 MHZ	1.3	30.00	30

1. Inductance is measured in HP-4285A Precision LCR meter
RF LCR meter with SMD-A fixture.

2. Q is measured in HP-4285A Precision LCR meter,
HP-4285A RF LCR meter with SMD-A fixture.
With 0.1Vrms

3. SRF is measured in HP-8753E RF network analyzer
with HP-16193 fixture.

4. RDC is measured in HP-4338B milliohmmeter.

5. For 15 °C Rise.