



ELECTRICAL CHARACTERISTICS SQV322520

PART NO.	INDUCTANCE (μH)			QUALITY FACTOR		SRF (MHz) Min.	DC RESISTANCE (Ω) Max.	RATED CURRENT (mA) Max.
	NOMINAL	TOLERANCE	TEST	SPEC.	TEST			
	VALUE	(±%)	FREQUENCY	Min.	FREQUENCY			
SQV322520T-R10□-N	0.10	20	1 MHz	20	25.2 MHz	200	0.025	700
SQV322520T-R18□-N	0.18	20	1 MHz	20	25.2 MHz	200	0.25	650
SQV322520T-R27□-N	0.27	20	1 MHz	25	25.2 MHz	200	0.25	600
SQV322520T-R39□-N	0.39	20	1 MHz	25	25.2 MHz	200	0.25	530
SQV322520T-R56□-N	0.56	20	1 MHz	30	25.2 MHz	160	0.25	530
SQV322520T-R68□-N	0.68	20	1 MHz	30	25.2 MHz	160	0.25	470
SQV322520T-R82□-N	0.82	20	1 MHz	30	25.2 MHz	120	0.25	450
SQV322520T-1R0□-N	1.00	20	1 MHz	20	1 MHz	100	0.50	445
SQV322520T-1R2□-N	1.20	20	1 MHz	20	1 MHz	100	0.60	425
SQV322520T-1R5□-N	1.50	10 / 20	1 MHz	20	1 MHz	75	0.60	400
SQV322520T-1R8□-N	1.80	10 / 20	1 MHz	20	1 MHz	60	0.70	390
SQV322520T-2R2□-N	2.20	10 / 20	1 MHz	20	1 MHz	50	0.80	370
SQV322520T-2R7□-N	2.70	10 / 20	1 MHz	20	1 MHz	43	0.90	320
SQV322520T-3R3□-N	3.30	10 / 20	1 MHz	20	1 MHz	38	1.00	300
SQV322520T-3R9□-N	3.90	10 / 20	1 MHz	20	1 MHz	35	1.10	290
SQV322520T-4R7□-N	4.70	10 / 20	1 MHz	20	1 MHz	31	1.20	270
SQV322520T-5R6□-N	5.60	10 / 20	1 MHz	20	1 MHz	28	1.30	250
SQV322520T-6R8□-N	6.80	10 / 20	1 MHz	20	1 MHz	25	1.50	240
SQV322520T-8R2□-N	8.20	10 / 20	1 MHz	20	1 MHz	23	1.60	225
SQV322520T-100□-N	10	5 / 10	1 MHz	35	1 MHz	20	1.80	190
SQV322520T-120□-N	12	5 / 10	1 MHz	35	1 MHz	18	2.00	180
SQV322520T-150□-N	15	5 / 10	1 MHz	35	1 MHz	16	2.20	170
SQV322520T-180□-N	18	5 / 10	1 MHz	35	1 MHz	15	2.50	165
SQV322520T-220□-N	22	5 / 10	1 MHz	35	1 MHz	14	2.80	150
SQV322520T-270□-N	27	5 / 10	1 MHz	35	1 MHz	13	3.10	125
SQV322520T-330□-N	33	5 / 10	1 MHz	40	1 MHz	12	3.50	115
SQV322520T-390□-N	39	5 / 10	1 MHz	40	1 MHz	11	3.90	110
SQV322520T-470□-N	47	5 / 10	1 MHz	40	1 MHz	11	4.30	100
SQV322520T-560□-N	56	5 / 10	1 MHz	40	1 MHz	10	4.90	85
SQV322520T-680□-N	68	5 / 10	1 MHz	40	1 MHz	9.0	5.50	80
SQV322520T-820□-N	82	5 / 10	1 MHz	40	1 MHz	8.5	6.20	70
SQV322520T-101□-N	100	5 / 10	1 MHz	40	796 KHz	8.0	7.00	80
SQV322520T-121□-N	120	5 / 10	1 MHz	40	796 KHz	7.5	8.00	75
SQV322520T-151□-N	150	5 / 10	1 MHz	40	796 KHz	7.0	9.30	70
SQV322520T-181□-N	180	5 / 10	1 MHz	40	796 KHz	6.0	10.2	65
SQV322520T-221□-N	220	5 / 10	1 MHz	40	796 KHz	5.5	11.8	65
SQV322520T-271□-N	270	5 / 10	1 MHz	40	796 KHz	5.0	12.5	65
SQV322520T-331□-N	330	5 / 10	1 MHz	40	796 KHz	5.0	13.0	65
SQV322520T-391□-N	390	5 / 10	1 MHz	50	796 KHz	5.0	22.0	50
SQV322520T-471□-N	470	5 / 10	1 KHz	50	796 KHz	5.0	25.0	45
SQV322520T-561□-N	560	5 / 10	1 KHz	50	796 KHz	5.0	28.0	40

Note:

Tolerance: J = ± 5%, K = ± 10%, M = ± 20%

Test Instruments: L/Q- HP4192A LF Impedance Analyzer

SRF- HP4291A RF Impedance Analyzer

RDC- CH502BC/HP4338B

IDC- Self temperature rise shall be limited to 35 °C Max. Inductance drop 10% typ.

Soldering Heat: 260 °C 10 sec. after 150 °C Preheat Cycle for 4 Min.

Operating Temperature Range: -25 °C to +85 °C

ELECTRICAL CHARACTERISTICS SQV453226

PART NO.	INDUCTANCE (μ H)			QUALITY FACTOR		SRF (MHz) Min.	DC RESISTANCE (Ω) Max.	RATED CURRENT (mA) Max.
	NOMINAL	TOLERANCE	TEST	SPEC.	TEST			
	VALUE	($\pm$ %)	FREQUENCY	Min.	FREQUENCY			
SQV453226T-1R0□-N	1.00	20	1 MHz	20	1 MHz	120	0.20	500
SQV453226T-1R2□-N	1.20	20	1 MHz	20	1 MHz	100	0.20	500
SQV453226T-1R5□-N	1.50	20	1 MHz	20	1 MHz	85	0.30	500
SQV453226T-1R8□-N	1.80	20	1 MHz	20	1 MHz	75	0.30	500
SQV453226T-2R2□-N	2.20	20	1 MHz	20	1 MHz	62	0.30	500
SQV453226T-2R7□-N	2.70	20	1 MHz	20	1 MHz	53	0.32	500
SQV453226T-3R3□-N	3.30	20	1 MHz	20	1 MHz	47	0.35	500
SQV453226T-3R9□-N	3.90	20	1 MHz	20	1 MHz	41	0.38	500
SQV453226T-4R7□-N	4.70	10 / 20	1 MHz	30	1 MHz	38	0.40	500
SQV453226T-5R6□-N	5.60	10 / 20	1 MHz	30	1 MHz	33	0.47	500
SQV453226T-6R8□-N	6.80	10 / 20	1 MHz	30	1 MHz	31	0.50	450
SQV453226T-8R2□-N	8.20	10 / 20	1 MHz	30	1 MHz	27	0.56	450
SQV453226T-100□-N	10	5 / 10	1 MHz	35	1 MHz	23	0.56	400
SQV453226T-120□-N	12	5 / 10	1 MHz	35	1 MHz	21	0.62	380
SQV453226T-150□-N	15	5 / 10	1 MHz	35	1 MHz	19	0.73	360
SQV453226T-180□-N	18	5 / 10	1 MHz	35	1 MHz	17	0.82	340
SQV453226T-220□-N	22	5 / 10	1 MHz	35	1 MHz	15	0.94	320
SQV453226T-270□-N	27	5 / 10	1 MHz	35	1 MHz	14	1.10	300
SQV453226T-330□-N	33	5 / 10	1 MHz	35	1 MHz	12	1.20	270
SQV453226T-390□-N	39	5 / 10	1 MHz	35	1 MHz	11	1.40	240
SQV453226T-470□-N	47	5 / 10	1 MHz	35	1 MHz	10	1.50	220
SQV453226T-560□-N	56	5 / 10	1 MHz	35	1 MHz	9.3	1.70	200
SQV453226T-680□-N	68	5 / 10	1 MHz	35	1 MHz	8.4	1.90	180
SQV453226T-820□-N	82	5 / 10	1 MHz	35	1 MHz	7.5	2.20	170
SQV453226T-101□-N	100	5 / 10	1 MHz	40	796 KHz	6.8	2.50	160
SQV453226T-121□-N	120	5 / 10	1 MHz	40	796 KHz	6.2	3.00	150
SQV453226T-151□-N	150	5 / 10	1 MHz	40	796 KHz	5.5	3.70	130
SQV453226T-181□-N	180	5 / 10	1 MHz	40	796 KHz	5.0	4.50	120
SQV453226T-221□-N	220	5 / 10	1 MHz	40	796 KHz	4.5	5.40	110
SQV453226T-271□-N	270	5 / 10	1 MHz	40	796 KHz	4.0	6.80	100
SQV453226T-331□-N	330	5 / 10	1 MHz	40	796 KHz	3.6	8.20	95
SQV453226T-391□-N	390	5 / 10	1 MHz	40	796 KHz	3.3	9.70	90
SQV453226T-471□-N	470	5 / 10	1 KHz	40	796 KHz	3.0	11.8	80
SQV453226T-561□-N	560	5 / 10	1 KHz	40	796 KHz	2.7	14.5	70
SQV453226T-681□-N	680	5 / 10	1 KHz	40	796 KHz	2.5	17.5	65
SQV453226T-821□-N	820	5 / 10	1 KHz	40	796 KHz	2.2	20.5	60
SQV453226T-102□-N	1,000	5 / 10	1 KHz	40	252 KHz	2.0	25.0	50
SQV453226T-122□-N	1,200	5 / 10	1 KHz	40	252 KHz	1.8	30.0	45
SQV453226T-152□-N	1,500	5 / 10	1 KHz	40	252 KHz	1.6	37.0	40
SQV453226T-182□-N	1,800	5 / 10	1 KHz	40	252 KHz	1.5	45.0	35
SQV453226T-222□-N	2,200	5 / 10	1 KHz	40	252 KHz	1.3	50.0	30

Note:

Tolerance: J = $\pm$ 5%, K = $\pm$ 10%, M = $\pm$ 20%

Test Instruments: L/Q- HP4192A LF Impedance Analyzer

SRF- HP4291A RF Impedance Analyzer

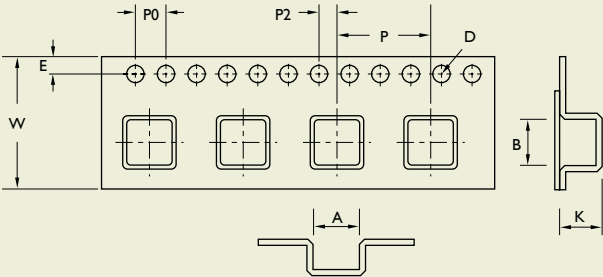
RDC- CH502BC/HP4338B

IDC- Self temperature rise shall be limited to 35 °C Max. Inductance drop 10% typ.

Soldering Heat: 260 °C 10 sec. after 150 °C Preheat Cycle for 4 Min.

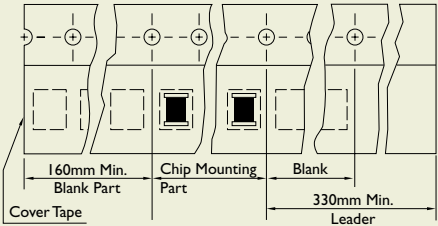
Operating Temperature Range: -25 °C to +85 °C

TAPE DIMENSIONS

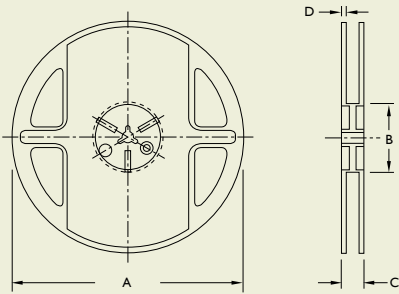


TAPE MATERIAL

Carrier Tape: Polystyrene Cover Tape: Polyethylene



REEL DIMENSIONS



TYPE	TAPE DIMENSIONS									REEL DIMENSIONS				QUANTITY/ REEL
	A	B	K	D	E	W	P	P0	P2	A	B	C	D	
SQV322520	2.90	3.60	2.25	1.50	1.75	8	4	4	2	178	60	9.0	1.5	2,000
SQV453226	3.60	4.90	3.00	1.50	1.75	12	8	4	2	178	60	13.2	1.5	500

Dimensions: mm