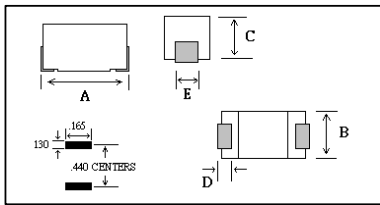


SMD-S3-4924



- A :** .490" to .520"
- B :** .230" to .250"
- C :** .210" to .230"
- D :** .050" Min
- E :** .055" to .095"

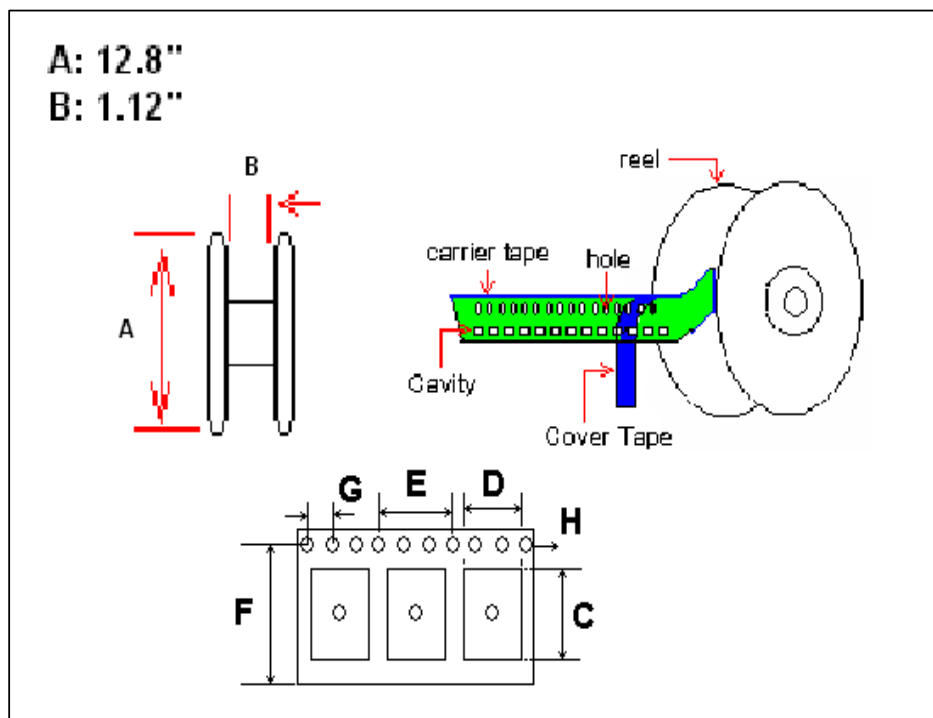
Characteristics

Operating temperature	-55°C to +125°C
Inductance tolerance	+/- 5%, +/- 10%,
Testing (Equivalent acceptable)	L & Q tested with HP 4342A IDC : CH-301 current source & DCR meter RDC : CH-301 current source & DCR meter SRF : HP-4191A .HP-4291B
Rated current	Based on the inductance change within 10% of initial value
Shielding	5% coupling maximum with 2 units side by side @1KHz
	Reflow soldering 260°C 10 sec Resistance to soldering Heat 260°C , 15 sec max
Marking	Inductance
Packaging	SMD: 800pcs/reel

PART NUMBER	L (uH)	TEST FREQ	Q Min	SRF (MHz) Min	DCR (Ohms)		RATED I (mA) Max	INCR mA
					Max	Max		
SMDS3-4924-R10K	0.10	25 MHz	50	450	.025	3900	3900	
SMDS3-4924-R12K	0.12	25 MHz	50	425	.034	3345	3345	
SMDS3-4924-R15K	0.15	25 MHz	50	400	.037	3195	3195	
SMDS3-4924-R18K	0.18	25 MHz	50	350	.047	2835	2835	
SMDS3-4924-R22K	0.22	25 MHz	49	325	.067	2385	2385	
SMDS3-4924-R27K	0.27	25 MHz	47	300	.110	1855	1855	
SMDS3-4924-R33M	0.33	25 MHz	46	275	.130	1705	1705	
SMDS3-4924-R39M	0.39	25 MHz	44	250	.180	1450	1450	
SMDS3-4924-R47M	0.47	25 MHz	44	235	.250	1235	1235	
SMDS3-4924-R56M	0.56	25 MHz	43	210	.330	1075	1075	
SMDS3-4924-R68K	0.68	25 MHz	42	190	.450	915	915	
SMDS3-4924-R82K	0.82	25 MHz	40	180	.590	800	800	
SMDS3-4924-1R0K	1.0	25 MHz	44	140	.070	2320	2320	
SMDS3-4924-1R2K	1.2	7.9 MHz	44	130	.10	1920	1920	
SMDS3-4924-1R5K	1.5	7.9 MHz	44	115	.12	1780	1780	
SMDS3-4924-1R8K	1.8	7.9 MHz	44	105	.14	1650	1650	
SMDS3-4924-2R2K	2.2	7.9 MHz	44	100	.19	1420	1420	
SMDS3-4924-2R7K	2.7	7.9 MHz	44	92	.28	1160	1160	
SMDS3-4924-3R3K	3.3	7.9 MHz	44	85	.35	1045	1045	
SMDS3-4924-3R9K	3.9	7.9 MHz	44	75	.40	970	970	
SMDS3-4924-4R7K	4.7	7.9 MHz	44	70	.55	830	830	
SMDS3-4924-5R6K	5.6	7.9 MHz	44	65	.72	725	725	
SMDS3-4924-6R8K	6.8	7.9 MHz	50	55	1.02	610	610	
SMDS3-4924-8R2K	8.2	7.9 MHz	50	50	1.32	535	535	
SMDS3-4924-100K	10	7.9 MHz	50	46	1.62	485	485	
SMDS3-4924-120K	12	2.5 MHz	55	44	2.00	440	440	
SMDS3-4924-150K	15	2.5 MHz	45	49	0.80	618	300	
SMDS3-4924-180K	18	2.5 MHz	45	45	0.89	580	250	
SMDS3-4924-220K	22	2.5 MHz	45	41	0.96	561	210	
SMDS3-4924-270K	27	2.5 MHz	45	38	1.19	504	195	
SMDS3-4924-330K	33	2.5 MHz	45	34	1.37	471	160	
SMDS3-4924-390K	39	2.5 MHz	50	29	1.93	397	150	
SMDS3-4924-470K	47	2.5 MHz	50	27	2.11	380	135	
SMDS3-4924-560K	56	2.5 MHz	50	25	2.23	369	124	
SMDS3-4924-680K	68	2.5 MHz	50	21	2.70	355	122	
SMDS3-4924-820K	82	2.5 MHz	50	10.5	2.44	342	120	
SMDS3-4924-101K	100	2.5 MHz	50	10.0	3.12	312	113	
SMDS3-4924-121K	120	0.79 MHz	55	9.7	3.60	291	98	
SMDS3-4924-151K	150	0.79 MHz	55	8.5	4.10	272	84	
SMDS3-4924-181K	180	0.79 MHz	55	8.0	4.40	263	76	
SMDS3-4924-221K	220	0.79 MHz	55	7.5	5.00	247	67	
SMDS3-4924-271K	270	0.79 MHz	55	7.0	5.80	228	60	
SMDS3-4924-331K	330	0.79 MHz	55	6.5	6.40	218	55	
SMDS3-4924-391K	390	0.79 MHz	60	6.2	7.40	203	46	
SMDS3-4924-471K	470	0.79 MHz	60	5.7	9.50	178	43	
SMDS3-4924-561K	560	0.79 MHz	60	4.7	10.50	171	40	
SMDS3-4924-681K	680	0.79 MHz	60	4.5	11.80	160	38	
SMDS3-4924-821K	820	0.79 MHz	60	4.2	13.00	152	33	

PART NUMBER	L (uH)	TEST FREQ	Q Min	SRF (MHz) Min	DCR (Ohms) Max	RATED I (mA) Max	INCR mA
SMDS3-4924-102K	1000	0.79 MHz	60	3.8	17.50	134	29
SMDS3-4924-122K	1200	0.25 MHz	50	3.0	22.1	120	28
SMDS3-4924-152K	1500	0.25 MHz	50	2.8	26.5	115	27
SMDS3-4924-182K	1800	0.25 MHz	50	2.6	29.9	110	24
SMDS3-4924-222K	2200	0.25 MHz	50	2.4	33.8	104	22
SMDS3-4924-272K	2700	0.25 MHz	50	2.2	47.3	88	20
SMDS3-4924-332K	3300	0.25 MHz	50	2.0	53	85	19
SMDS3-4924-392K	3900	0.25 MHz	50	1.9	73.8	72	17
SMDS3-4924-472K	4700	0.25 MHz	50	1.7	81.6	68	15
SMDS3-4924-562K	5600	0.25 MHz	50	1.6	98.9	61	14
SMDS3-4924-682K	6800	0.25 MHz	50	1.4	111	59	13
SMDS3-4924-822K	8200	0.25 MHz	50	1.2	119	57	12
SMDS3-4924-103K	10000	0.25 MHz	50	1.0	137	54	11
SMDS3-4924-123K	12000	.079 MHz	30	0.80	143	50	9
SMDS3-4924-153K	15000	.079 MHz	30	0.60	157	48	8
SMDS3-4924-183K	18000	.079 MHz	30	0.55	225	46	7
SMDS3-4924-223K	22000	.079 MHz	27	0.50	274	37	7
SMDS3-4924-273K	27000	.079 MHz	27	0.40	308	35	7
SMDS3-4924-333K	33000	.079 MHz	27	0.19	343	15	7.5
SMDS3-4924-393K	39000	.079 MHz	27	0.17	376	15	6
SMDS3-4924-473K	47000	.079 MHz	23	0.16	473	13	5.5
SMDS3-4924-563K	56000	.079 MHz	23	0.14	512	13	5
SMDS3-4924-683K	68000	.079 MHz	23	0.13	580	12	4
SMDS3-4924-823K	82000	.079 MHz	21	0.12	618	11	3.5
SMDS3-4924-104K	100000	.079 MHz	18	0.11	678	11	3

SMDS3-4924 Packaging



Symbol	Dimension
C DIM	0.630" +/-0.01
D DIM	0.342" +/-0.01
E DIM	0.471" +/-0.01
F DIM	0.860" +/-0.01
G DIM	0.157" +/-0.01
H DIM	0.069" +/-0.005

SMD S3-4924 PACKING:

800pcs/1REEL: 1350g

2REEL/1BOX: 2800g

1 CARTON/5BOX(8000pcs): 16Kg