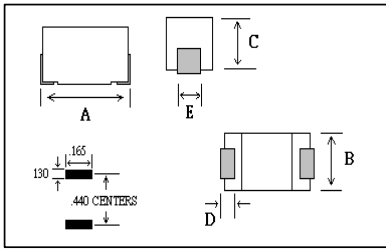


Molded Inductors SMD4922

SMD-PA1-4922



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
Standard tolerance	+/- 15% ;closer tolerances available upon request.
Testing (Equivalent acceptable)	L measured on HP4284A LCR METER 1KHz Inductance- Measured at 1 V with no DC current. IDC : CH-301 current source& DCR meter RDC : CH-301 current source & DCR meter
Current Rating	At 85 Degrees C Amb. 40 Degrees C Rise
Power Dissipation	At 85 Degrees C .55 Watts
Marking	Inductance
Incremental Current	The current at which the inductance will be decreased by a maximum of 5% form its initial zero DC value.
	Reflow soldering 260°C 10 sec Resistance to soldering Heat 260°C , 15 sec max
Packaging	SMD : 800pcs/reel

PART NUMBER	L (uH)	DCR (Ohms) Max	Current Rating (Amps) Max	Incremental Current (Amps)
SMD4922-R22L	0.22	0.0080	7.00	7.00
SMD4922-R27L	0.27	0.0085	6.75	6.75
SMD4922-R33L	0.33	0.0090	6.50	6.50
SMD4922-R39L	0.39	0.0095	6.25	6.25
SMD4922-R47L	0.47	0.0100	6.00	6.00
SMD4922-R56L	0.56	0.0105	5.80	5.80
SMD4922-R68L	0.68	0.0110	5.70	5.70
SMD4922-R82L	0.82	0.0120	5.60	5.60
SMD4922-1R0L	1.0	0.013	5.50	5.50
SMD4922-1R2K	1.2	0.018	4.69	4.69
SMD4922-1R5K	1.5	0.02	4.45	4.45
SMD4922-1R8K	1.8	0.021	4.34	4.34
SMD4922-2R2K	2.2	0.029	3.70	3.70
SMD4922-2R7K	2.7	0.034	3.41	3.41
SMD4922-3R3K	3.3	0.038	3.23	3.23
SMD4922-3R9K	3.9	0.042	3.07	3.07
SMD4922-4R7K	4.7	0.047	2.90	2.90
SMD4922-5R6K	5.6	0.051	2.79	2.79
SMD4922-6R8K	6.8	0.058	2.61	2.61
SMD4922-8R2K	8.2	0.063	2.51	2.51
SMD4922-100K	10	0.071	2.36	2.36
SMD4922-120K	12	0.079	2.24	2.24
SMD4922-150K	15	0.089	2.11	2.11
SMD4922-180K	18	0.119	1.82	1.82
SMD4922-220K	22	0.152	1.61	1.61
SMD4922-270K	27	0.179	1.48	1.48
SMD4922-330K	33	0.222	1.33	1.33
SMD4922-390K	39	0.315	1.12	1.12
SMD4922-470K	47	0.362	1.04	1.04
SMD4922-560K	56	0.397	1.00	1.00
SMD4922-680K	68	0.446	0.97	0.97
SMD4922-820K	82	0.604	0.81	0.81
SMD4922-101K	100	0.672	0.76	0.76
SMD4922-121K	120	0.735	0.73	0.73
SMD4922-151K	150	0.998	0.63	0.63
SMD4922-181K	180	1.370	0.53	0.53
SMD4922-221K	220	1.580	0.50	0.50
SMD4922-271K	270	1.770	0.47	0.47
SMD4922-331K	330	2.510	0.39	0.39
SMD4922-391K	390	2.730	0.38	0.38
SMD4922-471K	470	3.360	0.35	0.35
SMD4922-561K	560	3.750	0.33	0.33
SMD4922-681K	680	4.310	0.30	0.30
SMD4922-821K	820	6.040	0.26	0.26



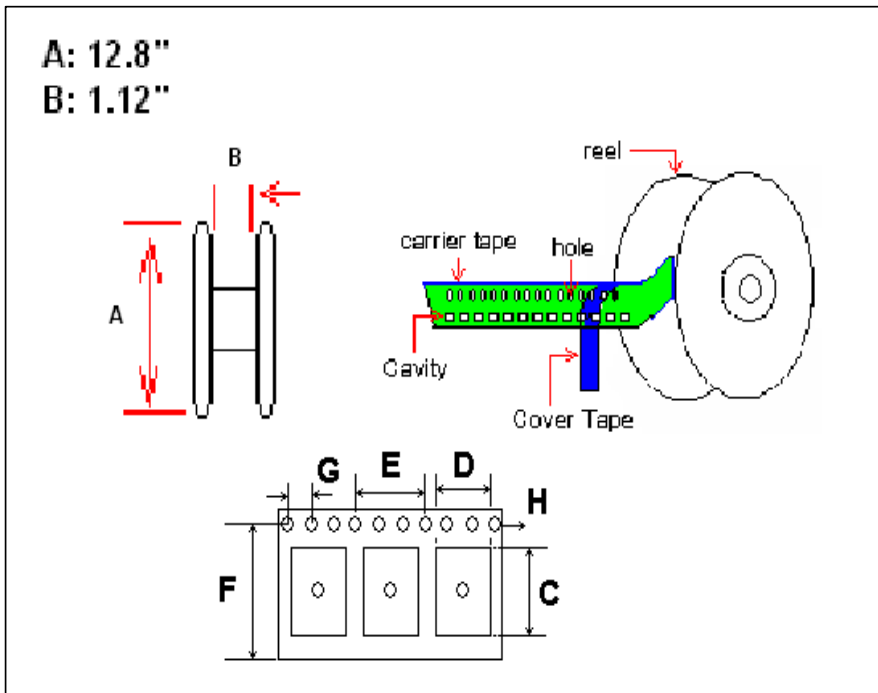
AMT

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Molded Inductors SMD4922

PART NUMBER	L (uH)	DCR (Ohms) Max	Current Rating (Amps) Max	Incremental Current (Amps)
SMD4922-102K	1000	6.90	0.240	0.240
SMD4922-122K	1200	10.00	0.200	0.200
SMD4922-152K	1500	12.50	0.178	0.178
SMD4922-182K	1800	16.00	0.157	0.157
SMD4922-222K	2200	20.00	0.141	0.141
SMD4922-272K	2700	23.00	0.131	0.131
SMD4922-332K	3300	25.00	0.126	0.126
SMD4922-392K	3900	33.00	0.110	0.110
SMD4922-472K	4700	37.00	0.103	0.103
SMD4922-562K	5600	40.00	0.100	0.100
SMD4922-682K	6800	62.00	0.080	0.080
SMD4922-822K	8200	66.00	0.077	0.077
SMD4922-103K	10000	74.00	0.071	0.071
SMD4922-123K	12000	93.00	0.065	0.065
SMD4922-153K	15000	105.00	0.061	0.061
SMD4922-183K	18000	143.00	0.052	0.052
SMD4922-223K	22000	160.00	0.050	0.050

SMD4922Packaging



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 4922 PACKING:

800pcs/1REEL: 1350g

2REEL/1BOX: 2800g

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