

225 Series Surface Mount Inductors

Features

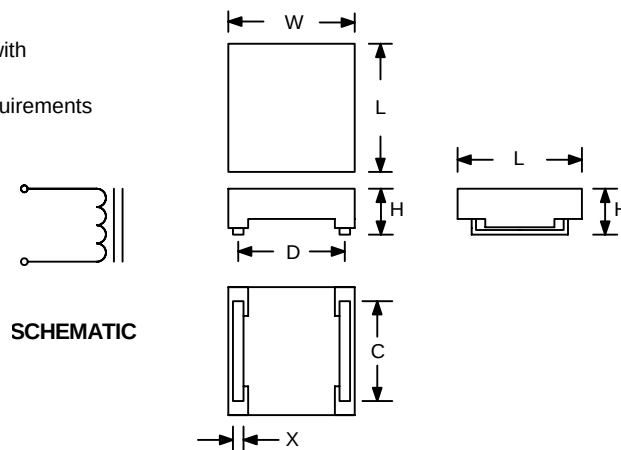
- Designed for use in filter applications
- Suitable for infra and vapor phase reflow soldering
- Meets UL94VO rating
- Large bandwidth to 500kHz
- Tinned Leads with Lead Solder is Available (note 1)

Electrical Specifications at 25°C

Part Number	Rated Current (AMPS DC)	Inductance With DC Current μH (Typ)	Inductance Without DC Current μH (Typ)	DCR Ohms (Max)	Package
PT22501	1.0	5.90	7.00	.072	A
PT22502	1.6	2.80	3.40	.036	A
PT22503	1.6	16.80	22.00	.093	B
PT22504	1.6	28.00	39.60	.130	C
PT22505	1.6	46.00	62.00	.180	D
PT22506	2.5	1.37	1.75	.020	A
PT22507	2.5	8.70	12.20	.047	B
PT22508	2.5	14.50	22.00	.065	C
PT22509	2.5	24.00	36.00	.090	D
PT22510	4.0	0.64	0.86	.012	A
PT22511	4.0	4.50	6.90	.025	B
PT22512	4.0	7.50	12.60	.033	C
PT22513	4.0	13.00	22.00	.046	D
PT22514	6.4	2.20	3.70	.014	B
PT22515	6.4	3.70	6.70	.017	C
PT22516	6.4	6.90	12.70	.024	D

Notes:

1. For non-RoHS parts, replace PT prefix with 42- (e.g. PT12110 becomes 42-12110).
2. Terminal finish is compliant to RoHS requirements



Horizontal Mount Package – Outline Dimensions						
Package	L (Max)	W (Max)	H (Max)	D ± .005 .130	C ± .005 .130	X ± .003 .008
A	.350 8.89	.400 10.61	.250 6.35	.300 7.62	.280 7.10	.027 .690
B	.425 10.8	.475 12.1	.330 8.38	.375 9.53	.350 8.90	.027 .690
C	.525 13.34	.625 15.9	.400 10.16	.500 12.7	.430 11.0	.042 1.07
D	.575 14.61	.725 18.42	.410 10.42	.600 15.24	.470 11.94	.042 1.07