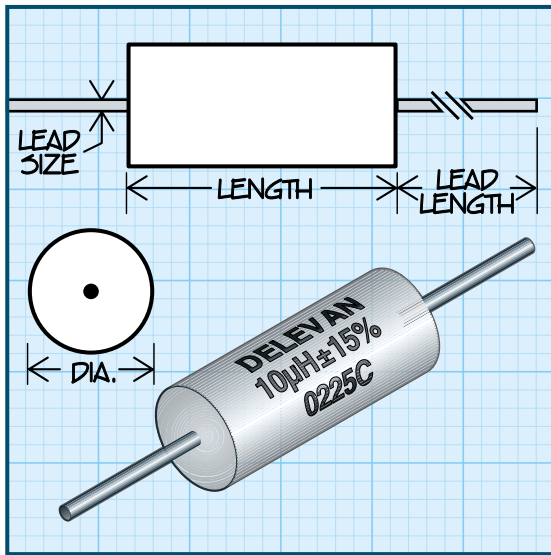


Series 2256

Axial Lead Power Choke



Mechanical Configuration Units are axial leaded encapsulated in an epoxy molded case.

Physical Parameters

	Inches	Millimeters
Length	0.550 to 0.570	14.00 to 14.48
Diameter	0.205 to 0.225	5.21 to 5.72
Lead Size		
AWG #21 TCW	0.026 to 0.030	0.66 to 0.76
Lead Length	1.25 Min.	31.75 Min.

Operating Temperature -55°C to +125°C

Current Rating at 80°C Ambient 45°C Rise

Test Frequency 1 KHz

Maximum Power Dissipation at 80°C 0.44 W

Incremental Current The current at which the inductance will be decreased by a maximum of 5% from its initial zero DC value.

Packaging Tape & reel: 12" reel, 1000 pieces max.; 14" reel, 1500 pieces max. For additional packaging options, see page 146.

Made in the U.S.A.

PART NUMBER	INDUCTANCE @ 1 KHz (µH) ± 15%	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (Amps)	INCREMENTAL CURRENT (Amps)
SERIES 2256 FERRITE CORE				
2256-221L	0.22	0.0080	7.00	7.00
2256-271L	0.27	0.0085	6.75	6.75
2256-331L	0.33	0.0090	6.50	6.50
2256-391L	0.39	0.0095	6.25	6.25
2256-471L	0.47	0.0100	6.00	6.00
2256-561L	0.56	0.0105	5.80	5.80
2256-681L	0.68	0.0110	5.70	5.70
2256-821L	0.82	0.0120	5.60	5.60
2256-01L	1.00	0.013	5.50	5.50
2256-02L	1.20	0.018	4.69	4.69
2256-03L	1.50	0.020	4.45	4.45
2256-04L	1.80	0.021	4.34	4.34
2256-05L	2.20	0.029	3.70	3.70
2256-06L	2.70	0.034	3.41	3.41
2256-07L	3.30	0.038	3.23	3.23
2256-08L	3.90	0.042	3.07	3.07
2256-09L	4.70	0.047	2.90	2.90
2256-10L	5.60	0.051	2.79	2.79
2256-11L	6.80	0.058	2.61	2.61
2256-12L	8.20	0.063	2.51	2.51
2256-13L	10.0	0.071	2.36	2.36
2256-14L	12.0	0.079	2.24	2.24
2256-15L	15.0	0.089	2.11	2.11
2256-16L	18.0	0.119	1.82	1.82
2256-17L	22.0	0.152	1.61	1.61
2256-18L	27.0	0.179	1.48	1.48
2256-19L	33.0	0.222	1.33	1.33
2256-20L	39.0	0.315	1.12	1.12
2256-21L	47.0	0.362	1.04	1.04
2256-22L	56.0	0.397	1.00	1.00
2256-23L	68.0	0.418	0.97	0.97
2256-24L	82.0	0.604	0.81	0.81
2256-25L	100	0.672	0.76	0.76
2256-26L	120	0.735	0.73	0.73
2256-27L	150	0.913	0.63	0.63
2256-28L	180	1.370	0.53	0.53
2256-29L	220	1.580	0.50	0.50
2256-30L	270	1.770	0.47	0.47
2256-31L	330	2.510	0.39	0.39
2256-32L	390	2.730	0.38	0.38
2256-33L	470	3.250	0.35	0.35
2256-34L	560	3.750	0.33	0.33
2256-35L	680	4.310	0.30	0.30
2256-36L	820	6.040	0.26	0.26
2256-37L	1000	6.900	0.24	0.24
2256-38L	1200	10.00	0.200	0.200
2256-39L	1500	12.50	0.178	0.178
2256-40L	1800	16.00	0.157	0.157
2256-41L	2200	20.00	0.141	0.141
2256-42L	2700	23.00	0.131	0.131
2256-43L	3300	25.00	0.126	0.126
2256-44L	3900	33.00	0.110	0.110
2256-45L	4700	37.00	0.103	0.103
2256-46L	5600	40.00	0.100	0.100
2256-47L	6800	62.00	0.080	0.080
2256-48L	8200	66.00	0.077	0.077
2256-49L	10000	74.00	0.071	0.071
2256-50L	12000	93.00	0.065	0.065
2256-51L	15000	105.0	0.061	0.061
2256-52L	18000	143.0	0.052	0.052
2256-53L	22000	160.0	0.050	0.050

OPTIONAL TOLERANCES: K=10% J=5%