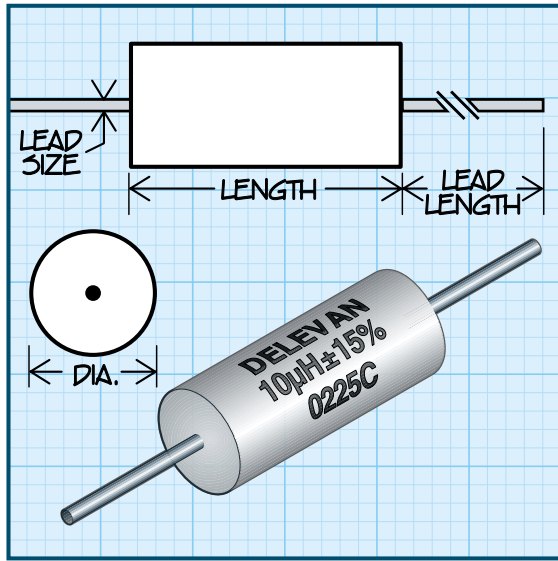


**Axial Lead Power Choke**



**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 technical section.

*Made in the U.S.A.*

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

**OPTIONAL TOLERANCES: K=10% J=5%**

\*Complete part # must include series # PLUS the dash #

For further surface finish information,  
refer to TECHNICAL section of this catalog.

POWER INDUCTORS