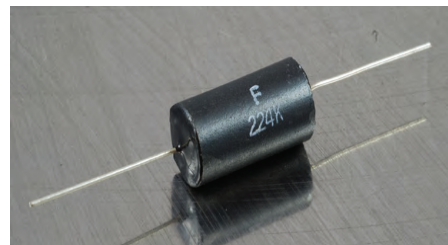
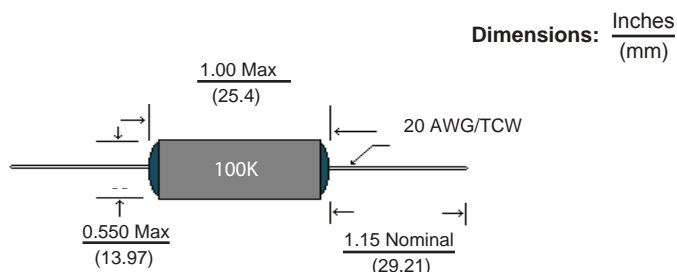


# ASPC80 Power Shielded Inductors



## Features

- Magnetically Shielded
- Epoxy End Caps for added Lead Strength and Protection

## Electrical

**Inductance Range:** 1.0 $\mu$ H ~ 680mH

**Tolerance:** 10% across entire range

Tighter tolerances available

**Test Frequency:**

1.0 $\mu$ H ~ 82,000 $\mu$ H Tested @ 1KHZ, HP4263B

100,000 $\mu$ H ~ 680,000 $\mu$ H Tested @ 1KHZ, 1V HP4263B

**Operating Temp:** -55°C ~ +125°C

**Current Rating:** Based on a .33 watt power dissipation for approximately 20°C Temp Rise

## Test Equipment

**Inductance:** HP4263B & HP4282 As noted above.

**Current:** 11021 Current Source with DCR Meter

**DCR:** HP4263B

## Physical

**Packaging:** Bulk Only

**Marking:** EIA Inductance Code

Allied Part Number	L ( $\mu$ H)	DCR ( $\Omega$ ) Max	Rated Current (AC Amps)	Allied Part Number	L ( $\mu$ H)	DCR ( $\Omega$ ) Max	Rated Current (AC Amps)
ASPC80-1R0K-RC	1.0	0.0066	1.50	ASPC80-272K-RC	2700	0.190	1.12
ASPC80-1R2K-RC	1.2	0.007	1.40	ASPC80-332K-RC	3300	0.213	1.12
ASPC80-1R5K-RC	1.5	0.008	1.40	ASPC80-392K-RC	3900	0.287	0.88
ASPC80-1R8K-RC	1.8	0.008	1.40	ASPC80-472K-RC	4700	0.364	0.88
ASPC80-2R2K-RC	2.2	0.008	1.40	ASPC80-562K-RC	5600	0.440	0.707
ASPC80-2R7K-RC	2.7	0.009	1.40	ASPC80-682K-RC	6800	0.562	0.556
ASPC80-3R3K-RC	3.3	0.009	1.40	ASPC80-822K-RC	8200	0.700	0.556
ASPC80-3R9K-RC	3.9	0.009	1.40				
ASPC80-4R7K-RC	4.7	0.012	1.40		<b>L (mH)</b>		
ASPC80-5R6K-RC	5.6	0.012	1.40				
ASPC80-6R8K-RC	6.8	0.012	1.40	ASPC80-103K-RC	10	0.741	0.437
ASPC80-8R2K-RC	8.2	0.013	1.40	ASPC80-123K-RC	12	0.827	0.437
ASPC80-100K-RC	10	0.013	1.40	ASPC80-153K-RC	15	1.10	0.350
ASPC80-120K-RC	12	0.013	1.40	ASPC80-183K-RC	18	1.26	0.227
ASPC80-150K-RC	15	0.014	1.40	ASPC80-223K-RC	22	1.67	0.224
ASPC80-180K-RC	18	0.017	1.40	ASPC80-273K-RC	27	1.92	0.224
ASPC80-220K-RC	22	0.02	1.40	ASPC80-333K-RC	33	2.78	0.224
ASPC80-270K-RC	27	0.02	1.40	ASPC80-393K-RC	39	3.48	0.224
ASPC80-330K-RC	33	0.022	1.40	ASPC80-473K-RC	47	4.32	0.224
ASPC80-390K-RC	39	0.023	1.39	ASPC80-563K-RC	56	5.44	0.224
ASPC80-470K-RC	47	0.024	1.36	ASPC80-683K-RC	68	6.80	0.224
ASPC80-560K-RC	56	0.027	1.35	ASPC80-823K-RC	82	7.20	0.176
ASPC80-680K-RC	68	0.028	1.35	ASPC80-104K-RC	100	8.50	0.176
ASPC80-820K-RC	82	0.029	1.35	ASPC80-124K-RC	120	10.56	0.138
ASPC80-101K-RC	100	0.030	1.35	ASPC80-154K-RC	150	12.24	0.138
ASPC80-121K-RC	120	0.034	1.35	ASPC80-184K-RC	180	13.68	0.138
ASPC80-151K-RC	150	0.036	1.35	ASPC80-224K-RC	220	24	0.110
ASPC80-181K-RC	180	0.044	1.35	ASPC80-274K-RC	270	27	0.088
ASPC80-221K-RC	220	0.047	1.35	ASPC80-334K-RC	330	32	0.080
ASPC80-271K-RC	270	0.049	1.35	ASPC80-394K-RC	390	37	0.071
ASPC80-331K-RC	330	0.052	1.30	ASPC80-474K-RC	470	39.48	0.071
ASPC80-391K-RC	390	0.053	1.30	ASPC80-564K-RC	560	46.68	0.071
ASPC80-471K-RC	470	0.058	1.30	ASPC80-680K-RC	680	56.80	0.071
ASPC80-561K-RC	560	0.063	1.30				
ASPC80-681K-RC	680	0.068	1.30				
ASPC80-821K-RC	820	0.080	1.30				
ASPC80-102K-RC	1000	0.091	1.30				
ASPC80-122K-RC	1200	0.110	1.25				
ASPC80-152K-RC	1500	0.116	1.25				
ASPC80-182K-RC	1800	0.130	1.25				
ASPC80-222K-RC	2200	0.177	1.12				

All specifications subject to change without notice.