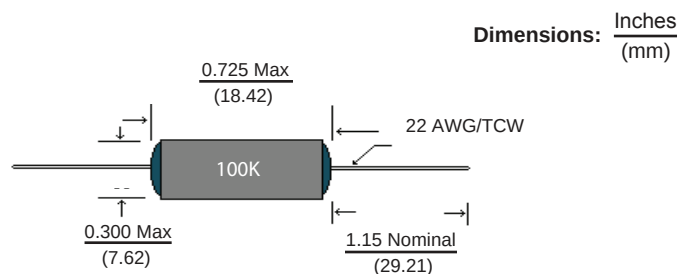


ASPC70 Power Shielded Inductors



Features

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

Electrical

Inductance Range: 1.0 μ h ~ 4700 μ h

Tolerance: 10% across entire range

Tighter tolerances available

Test Frequency: 1KHz

Operating Temp: -55°C ~ +125°C

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

Test Equipment

Inductance / Q: HP4342A

Current: CH301 Current Source and DCR Meter

DCR: CH301 Current Source and DCR Meter

SRF: HP4191A / HP4291A

Physical

Packaging: Bulk 100 per Bag

Marking: EIA Inductance Code

Allied Part Number	L (μ h)	DCR (Ω) $\pm 20\%$	Rated Current (AC Amps)	Allied Part Number	L (mh)	DCR (Ω) $\pm 20\%$	Rated Current (AC Amps)
ASPC70-1R0K-RC	1.0	0.011	0.707	ASPC70-222K-RC	2.2	0.925	0.224
ASPC70-1R2K-RC	1.2	0.012	0.707	ASPC70-272K-RC	2.7	1.02	0.224
ASPC70-1R5K-RC	1.5	0.012	0.707	ASPC70-332K-RC	3.3	1.16	0.224
ASPC70-1R8K-RC	1.8	0.012	0.707	ASPC70-392K-RC	3.9	1.61	0.175
ASPC70-2R2K-RC	2.2	0.012	0.707	ASPC70-472K-RC	4.7	1.89	0.175
ASPC70-2R7K-RC	2.7	0.013	0.707	ASPC70-562K-RC	5.6	2.42	0.130
ASPC70-3R3K-RC	3.3	0.013	0.707	ASPC70-682K-RC	6.8	2.67	0.130
ASPC70-3R9K-RC	3.9	0.014	0.707	ASPC70-822K-RC	8.2	3.19	0.110
ASPC70-4R7K-RC	4.7	0.014	0.707	ASPC70-103K-RC	10	4.16	0.110
ASPC70-5R6K-RC	5.6	0.017	0.707	ASPC70-123K-RC	12	4.32	0.080
ASPC70-6R8K-RC	6.8	0.018	0.707	ASPC70-153K-RC	15	4.96	0.080
ASPC70-8R2K-RC	8.2	0.018	0.707	ASPC70-183K-RC	18	5.28	0.071
ASPC70-100K-RC	10	0.020	0.707	ASPC70-223K-RC	22	8.06	0.071
ASPC70-120K-RC	12	0.022	0.707	ASPC70-273K-RC	27	9.12	0.056
ASPC70-150K-RC	15	0.024	0.707	ASPC70-333K-RC	33	12.18	0.056
ASPC70-180K-RC	18	0.030	0.707	ASPC70-393K-RC	39	14.66	0.043
ASPC70-220K-RC	22	0.032	0.707	ASPC70-473K-RC	47	17.18	0.043
ASPC70-270K-RC	27	0.034	0.707	ASPC70-563K-RC	56	18.71	0.043
ASPC70-330K-RC	33	0.036	0.707	ASPC70-683K-RC	68	27.36	0.043
ASPC70-390K-RC	39	0.038	0.707	ASPC70-823K-RC	82	31.32	0.043
ASPC70-470K-RC	47	0.040	0.707	ASPC70-104K-RC	100	42.84	0.034
ASPC70-560K-RC	56	0.046	0.707	ASPC70-124K-RC	120	47.16	0.034
ASPC70-680K-RC	68	0.047	0.707	ASPC70-154K-RC	150	61.58	0.027
ASPC70-820K-RC	82	0.050	0.707	ASPC70-184K-RC	180	69.12	0.034
ASPC70-101K-RC	100	0.064	0.707	ASPC70-224K-RC	220	90	0.027
ASPC70-121K-RC	120	0.068	0.707	ASPC70-274K-RC	270	100	0.027
ASPC70-151K-RC	150	0.073	0.707	ASPC70-334K-RC	330	117	0.022
ASPC70-181K-RC	180	0.078	0.707	ASPC70-394K-RC	390	125	0.022
ASPC70-221K-RC	220	0.082	0.707	ASPC70-474K-RC	470	183	0.017
ASPC70-271K-RC	270	0.098	0.707	ASPC70-564K-RC	560	206	0.017
ASPC70-331K-RC	330	0.132	0.556	ASPC70-684K-RC	680	282	0.014
ASPC70-391K-RC	390	0.142	0.556	ASPC70-824K-RC	820	356	0.011
ASPC70-471K-RC	470	0.170	0.556	ASPC70-105K-RC	1000	410	0.011
ASPC70-561K-RC	560	0.222	0.437	ASPC70-125K-RC	1200	568	0.0086
ASPC70-681K-RC	680	0.235	0.437	ASPC70-155K-RC	1500	634	0.0086
ASPC70-821K-RC	820	0.247	0.437	ASPC70-185K-RC	1800	950	0.0069
ASPC70-102K-RC	1000	0.440	0.350	ASPC70-225K-RC	2200	964	0.0069
ASPC70-122K-RC	1200	0.470	0.280	ASPC70-275K-RC	2700	987	0.0054
ASPC70-152K-RC	1500	0.640	0.277	ASPC70-335K-RC	3300	1400	0.0054
ASPC70-182K-RC	1800	0.700	0.277	ASPC70-395K-RC	3900	1682	0.0054
				ASPC70-475K-RC	4700	1700	0.0054

All specifications subject to change without notice.