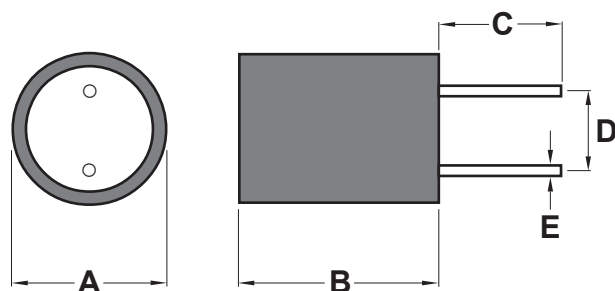


ARS875 Radial Shielded Bobbin Inductors



Dimensions: mm

A. 7.80 ± 0.5

B. 7.5 max

C. 5.0 ± 1.0

D. 5.0 ± 0.50

E. 0.65 ± 0.05



Allied Part Number	Inductance (μH)	Tolerance ($\pm\%$)	Test Freq.	DCR (Ω) Max	Rated Current (mA) Max
ARS875-220L	22	15	2.52 MHz	0.08	1600
ARS875-270L	27	15	2.52 MHz	0.10	1490
ARS875-330L	33	15	2.52 MHz	0.14	1300
ARS875-390L	39	15	2.52 MHz	0.15	1200
ARS875-470L	47	15	2.52 MHz	0.17	1100
ARS875-560K	56	10	2.52 MHz	0.19	990
ARS875-680K	68	10	2.52 MHz	0.21	890
ARS875-820K	82	10	2.52 MHz	0.27	810
ARS875-101K	100	10	1KHz	0.32	740
ARS875-121K	120	10	1KHz	0.36	670
ARS875-151K	150	10	1KHz	0.51	600
ARS875-181K	180	10	1KHz	0.57	550
ARS875-221K	220	10	1KHz	0.76	500
ARS875-271K	270	10	1KHz	0.86	450
ARS875-331K	330	10	1KHz	0.97	410
ARS875-391K	390	10	1KHz	1.28	370
ARS875-471K	470	10	1KHz	1.44	340
ARS875-561K	560	10	1KHz	1.61	310
ARS875-681K	680	10	1KHz	2.07	280
ARS875-821K	820	10	1KHz	2.33	260
ARS875-102K	1000	10	1KHz	2.72	230
ARS875-122K	1200	10	1KHz	3.98	210
ARS875-152K	1500	10	1KHz	4.50	190
ARS875-182K	1800	10	1KHz	6.81	170
ARS875-222K	2200	10	1KHz	7.56	160
ARS875-272K	2700	10	1KHz	8.54	140
ARS875-332K	3300	10	1KHz	9.74	130
ARS875-392K	3900	10	1KHz	12.9	120
ARS875-472K	4700	10	1KHz	14.7	110
ARS875-562K	5600	10	1KHz	20.4	99
ARS875-682K	6800	10	1KHz	23.0	89
ARS875-822K	8200	10	1KHz	30.6	81
ARS875-103K	10000	10	1KHz	35.0	74

All specifications subject to change without notice.

Features

- Magnetically Shielded
- Small Foot Print

Electrical

Inductance Range: 22 μH - 10000 μH
Current Rating: Based on a 10% change in initial Inductance and temperature rise of no more than 30°C from the coil body
Operating Temperature: -40° to +125°C
 Under no circumstances should the temperature of the part increase to more than 125°C

Test Equipment

Inductance: HP4263B & HP4284A
DCR: HP4263B Current Source and DCR Meter
IDC: 11021 Current Source and DCR Meter

Physical

Packaging: 500 Tray or 1000 Ammo Pack
Marking: EIA Inductance Code