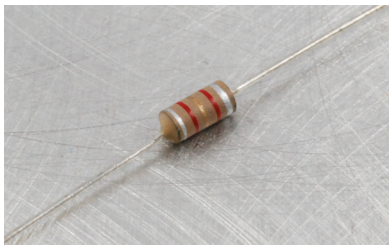
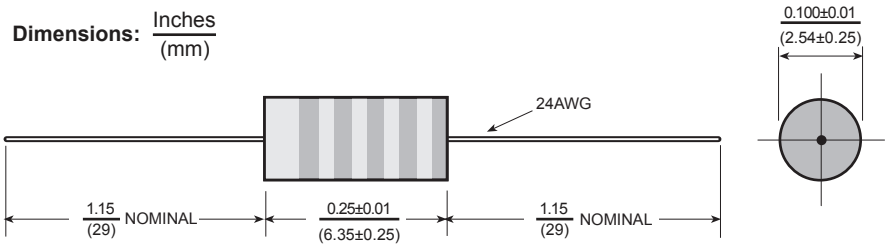
RoHS

Axial Shielded Inductors AS20



Dimensions: Inches (mm)



Allied Part Number	Inductance (µh)	Tolerance (%)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated Current (mA)
AS20-R10K-RC	.10	10	39	25	400	0.071	1580
AS20-R12K-RC	.12	10	36	25	400	0.087	1360
AS20-R15K-RC	.15	10	35	25	400	0.109	1280
AS20-R18K-RC	.18	10	33	25	400	0.145	1110
AS20-R22K-RC	.22	10	35	25	400	0.165	1040
AS20-R27K-RC	.27	10	33	25	400	0.192	965
AS20-R33K-RC	.33	10	33	25	370	0.228	885
AS20-R39K-RC	.39	10	32	25	348	0.259	830
AS20-R47K-RC	.47	10	33	25	312	0.348	717
AS20-R56K-RC	.56	10	30	25	286	0.417	655
AS20-R68K-RC	.68	10	30	25	262	0.580	555
AS20-R82K-RC	.82	10	33	25	188	0.132	1160
AS20-1R0K-RC	1.0	10	35	25	166	0.169	1030
AS20-1R2K-RC	1.2	10	29	7.9	149	0.184	985
AS20-1R5K-RC	1.5	10	29	7.9	136	0.260	825
AS20-1R8K-RC	1.8	10	29	7.9	118	0.360	705
AS20-2R2K-RC	2.2	10	28	7.9	110	0.410	664
AS20-2R7K-RC	2.7	10	32	7.9	94	0.550	577
AS20-3R3K-RC	3.3	10	32	7.9	86	0.620	540
AS20-3R9K-RC	3.9	10	38	7.9	85	0.790	475
AS20-4R7K-RC	4.7	10	38	7.9	79	0.910	445
AS20-5R6K-RC	5.6	10	40	7.9	72	1.15	395
AS20-6R8K-RC	6.8	10	46	7.9	65	1.73	320
AS20-8R2K-RC	8.2	10	45	7.9	59	1.96	302
AS20-100K-RC	10	10	45	7.9	53	2.30	280
AS20-120K-RC	12	10	40	2.5	60	0.55	570
AS20-150K-RC	15	10	45	2.5	53	.710	500
AS20-180K-RC	18	10	45	2.5	45.8	1.00	423
AS20-220K-RC	22	10	45	2.5	42.2	1.09	404
AS20-270K-RC	27	10	48	2.5	31	1.35	364
AS20-330K-RC	33	10	54	2.5	26	1.90	305
AS20-390K-RC	39	10	54	2.5	24.2	2.10	293
AS20-470K-RC	47	10	54	2.5	22	2.40	271
AS20-560K-RC	56	10	60	2.5	21.2	2.90	248
AS20-680K-RC	68	10	55	2.5	29.9	3.20	237
AS20-820K-RC	82	10	57	2.5	16.8	3.70	219
AS20-101K-RC	100	10	60	2.5	13.2	4.60	198
AS20-121K-RC	120	10	58	0.79	11	5.20	184
AS20-151K-RC	150	10	60	0.79	9.1	5.90	173
AS20-181K-RC	180	10	60	0.79	7.4	7.40	156
AS20-221K-RC	220	10	60	0.79	7.2	8.50	145
AS20-271K-RC	270	10	60	0.79	6.8	10.0	133
AS20-331K-RC	330	10	60	0.79	5.5	13.4	115
AS20-391K-RC	390	10	60	0.79	5.1	15.0	109
AS20-471K-RC	470	10	60	0.79	5.0	21.0	92
AS20-561K-RC	560	10	60	0.79	4.9	23.0	88
AS20-681K-RC	680	10	60	0.79	4.6	26.0	82
AS20-821K-RC	820	10	60	0.79	4.2	34.0	72
AS20-102K-RC	1000	10	60	0.79	4.0	39.0	67

All specifications subject to change without notice.

Electrical

Rated Current: Inductance will drop < 10% at rated current.

Tolerance: ±10% over the entire inductance range. Tighter tolerances available.

Shielding: < 5% coupling with 2 units side by side at 1 KHz.

Test Procedures: L & Q Measured with HP4342A Q-Meter at specified Frequency. DCR Measured on CH-301 SRF Measured on HP-4191A, HP4291B.

Operating Temp.: -55°C to + 125°C.

Physical

Marking (on part): 5 Band Color Code per MIL-C-15305.

Marking (on reel): Manufacturers Name, Part Number, Customers Part Number, Invoice Number, Lot or Data Code.

Packaging (bulk): 250 pieces per bag.

Packaging (tape & reel): 5000 pieces per reel.