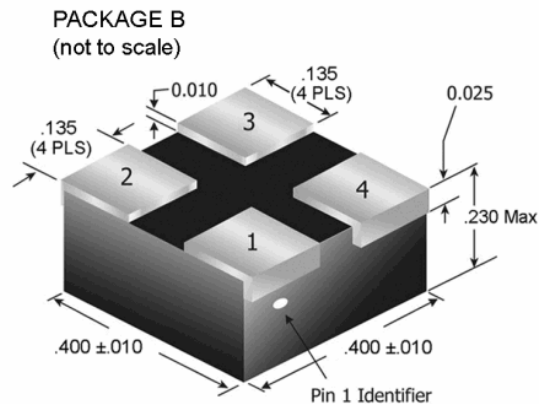
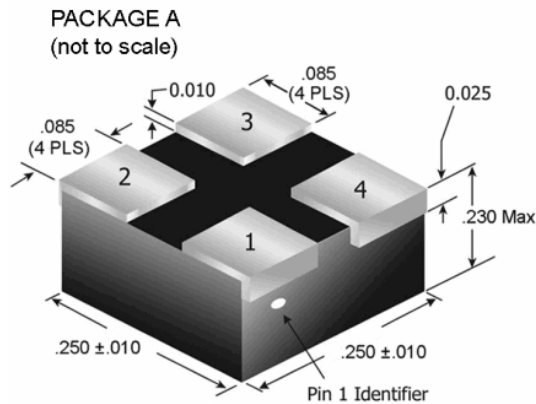


92000 Series

Power Inductors

MIL-PRF-27

QPL Approved

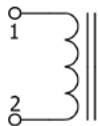


Tape & Reel (additional charge)		
Size	Small Reel (Qty)	Large Reel (Qty)
A	300	1000
B	200	650

Marking (on top of the case)

22558

92xxx



Drawing measurements are in inches

Pins 3 & 4 are N/C

FEATURES

- Leadless device for minimum footprint
- Lead Pad Coplanarity Max: 0.002 inches; 0.05 mm
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials

SPECIFICATIONS

- Case: Grade 5, encapsulated
- Terminals: tin-lead plated phosphor bronze
- Weight: 1.25 ounces, maximum
- Altitude: 70,000 feet, maximum
- Operating temperature range: -55°C to 125°C
- Resistance to soldering heat: MIL-STD-202, method 210 test condition B
- Bond Strength: MIL-STD-883, method 2011, test condition F (Force: 2 pounds)
- Insulation Resistance: MIL-STD-202, method 302, 1,000 megohms minimum at 100 V dc
- Terminal strength: MIL-STD-202, method 211, test condition A, 2 lbs
- Dielectric withstanding voltage (at sea level): 200 volts rms
- Vibration (high frequency): MIL-STD-202, method 204, test condition D
- Moisture Resistance: MIL-STD-202, method 106
- Temperature rise 35°C max over ambient temperature of 90°C
- Terminals meet solderability per MIL-STD-202, Method 208
- Inductance measured at 0.1 Vrms, 10 kHz, 0 DC current
- Space Application: Available to MIL-STD-981

92100 Series (Size A)			
C/ACM Part Number	Inductance ±10 Percent (µH)	DC Resistance Max (Ω)	Rated DC (mA)
92101	15	0.11	820
92102	18	0.12	750
92103	20	0.15	720
92104	22	0.16	690
92105	25	0.17	650
92106	27	0.18	610
92107	30	0.22	580
92108	33	0.25	550
92109	39	0.27	520
92110	47	0.30	460
92111	50	0.32	440
92112	56	0.33	430
92113	68	0.36	390
92114	75	0.38	370
92115	82	0.39	350
92116	100	0.71	320
92117	120	0.78	290
92118	150	0.88	260
92119	180	1.20	240
92120	200	1.25	230
92121	220	1.3	220
92122	250	1.6	200
92123	270	1.8	190
92124	300	1.9	180
92125	330	2.0	170
92126	350	2.5	165
92127	390	2.8	160
92128	470	3.0	140
92129	500	3.1	135
92130	560	3.3	130
92131	680	4.7	120
92132	750	5.1	115
92133	820	5.2	110
92134	1000	7.3	100
92135	1200	8.0	93
92136	1500	11.0	83
92137	1800	12.1	75
92138	2000	15.0	70
92139	2200	16.8	68
92140	2700	18.6	62
92141	3000	24.7	59

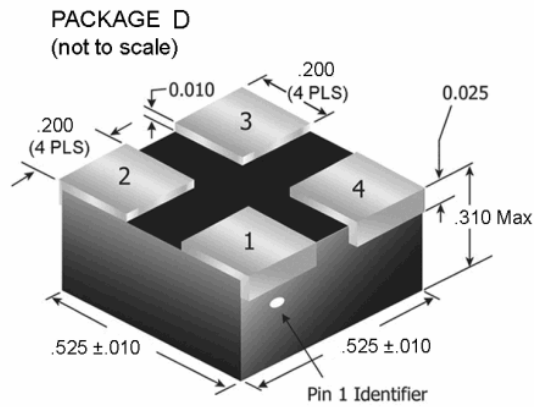
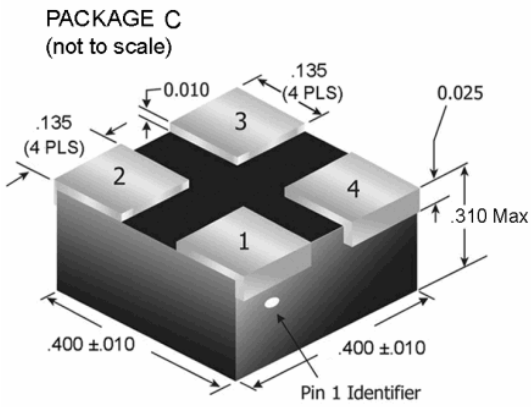
92200 Series (Size B)			
C/ACM Part Number	Inductance ±10 Percent (µH)	DC Resistance Max (Ω)	Rated DC (mA)
92201	15	0.069	1460
92202	18	0.073	1380
92203	20	0.078	1300
92204	22	0.081	1240
92205	25	0.100	1180
92206	27	0.114	1130
92207	30	0.120	1050
92208	33	0.130	1000
92209	39	0.177	920
92210	47	0.196	830
92211	50	0.200	800
92212	56	0.209	780
92213	68	0.263	710
92214	75	0.285	670
92215	82	0.315	640
92216	100	0.443	580
92217	120	0.484	530
92218	150	0.694	470
92219	180	0.760	430
92220	200	0.800	410
92221	220	0.84	390
92222	250	1.00	370
92223	270	1.18	350
92224	300	1.22	330
92225	330	1.29	320
92226	350	1.50	300
92227	390	1.76	290
92228	470	1.94	260
92229	500	2.00	250
92230	560	2.12	240
92231	680	2.88	220
92232	750	3.00	210
92233	820	3.16	200
92234	1000	4.42	180
92235	1200	4.84	160
92236	1500	7.10	140
92237	1800	7.77	120
92238	2000	8.00	115
92239	2200	8.58	112
92240	2700	12.11	110
92241	3000	13.00	100



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Web: www.coastacm.com · Email: sales@coastacm.com



Tape & Reel (additional charge)		
Size	Small Reel (Qty)	Large Reel (Qty)
C	200	650
D	125	300

Marking (on top of the case)

22558

92xxx

Drawing measurements are in inches

92300 Series (Size C)			
C/ACM Part Number	Inductance ±10 Percent (µH)	DC Resistance Max (Ω)	Rated DC (mA)
92301	15	0.035	2000
92302	18	0.047	1900
92303	20	0.051	1700
92304	22	0.055	1600
92305	25	0.064	1550
92306	27	0.074	1500
92307	30	0.078	1420
92308	33	0.083	1350
92309	39	0.088	1300
92310	47	0.119	1100
92311	50	0.125	1050
92312	56	0.131	1000
92313	68	0.188	950
92314	75	0.203	920
92315	82	0.218	890
92316	100	0.284	800
92317	120	0.312	730
92318	150	0.429	650
92319	180	0.478	590
92320	200	0.501	565
92321	220	0.524	540
92322	250	0.630	510
92323	270	0.737	480
92324	300	0.780	450
92325	330	0.824	430
92326	350	0.977	415
92327	390	1.13	400
92328	470	1.25	360
92329	500	1.3	340
92330	560	1.35	330
92331	680	1.88	300
92332	750	1.97	290
92333	820	2.07	280
92334	1000	2.88	250
92335	1200	3.15	230
92336	1500	4.35	200
92337	1800	4.74	180
92338	2000	5.69	175
92339	2200	6.64	170
92340	2700	7.38	150
92341	3000	7.72	140

92400 Series (Size D)			
C/ACM Part Number	Inductance ±10 Percent (µH)	DC Resistance Max (Ω)	Rated DC (mA)
92401	15	0.0221	2760
92402	18	0.0289	2300
92403	20	0.0349	2250
92404	22	0.0400	2200
92405	25	0.0422	2100
92406	27	0.0444	2000
92407	30	0.0466	1900
92408	33	0.0489	1800
92409	39	0.0676	1600
92410	47	0.0760	1400
92411	50	0.089	1350
92412	56	0.102	1300
92413	68	0.113	1200
92414	75	0.118	1150
92415	82	0.123	1100
92416	100	0.174	1000
92417	120	0.192	920
92418	150	0.268	830
92419	180	0.289	760
92420	200	0.351	720
92421	220	0.413	680
92422	250	0.434	650
92423	270	0.456	620
92424	300	0.480	590
92425	330	0.505	560
92426	350	0.599	530
92427	390	0.693	510
92428	470	0.755	470
92429	500	0.887	450
92430	560	1.02	430
92431	680	1.13	390
92432	750	1.34	370
92433	820	1.56	350
92434	1000	1.75	320
92435	1200	1.89	290
92436	1500	2.70	260
92437	1800	2.96	240
92438	2000	3.11	220
92439	2200	3.27	210
92440	2700	4.59	190
92441	3000	4.93	180



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