

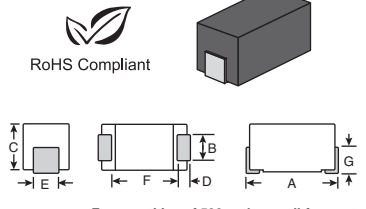
API DELEVAN Power Inductors

API Delevan

4922R SERIES

- Operating Temperature: -55°C to +125°C
- Current Rating at 85°C Ambient: 40°C Rise

Physical Parameters		
	Inches	Millimeters
A	0.490 to 0.520	12.44 to 13.21
B	0.230 to 0.250	5.84 to 6.35
C	0.210 to 0.230	5.33 to 5.84
D	0.050 Min.	1.27 Min.
E	0.055 to 0.075	1.40 to 1.91
F	0.330 (Ref Only)	8.38 (Ref Only)
G	0.120 (Ref Only)	3.04 (Ref Only)



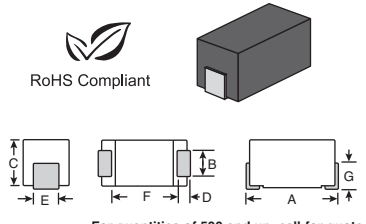
For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Ind. (μH)	DCR Max. (Ω)	I _{dc} Max. (mA)	Price Each			
					1	10	50	100
807-4922R-271L	4922R-271L	0.27	0.0085	6.75	2.76	2.35	2.00	1.73
807-4922R-471L	4922R-471L	0.47	0.010	6.00	2.76	2.35	2.00	1.73
807-4922R-01L	4922R-01L	1.0	0.013	5.50	2.76	2.35	2.00	1.73
807-4922R-03L	4922R-03L	1.5	0.020	4.45	2.76	2.35	2.00	1.73
807-4922R-05L	4922R-05L	2.2	0.029	3.70	2.76	2.35	2.00	1.73
807-4922R-07L	4922R-07L	3.3	0.038	3.23	2.76	2.35	2.00	1.73
807-4922R-09L	4922R-09L	4.7	0.047	2.90	2.76	2.35	2.00	1.73
807-4922R-11L	4922R-11L	6.8	0.058	2.61	2.76	2.35	2.00	1.73
807-4922R-13L	4922R-13L	10	0.071	2.36	2.76	2.35	2.00	1.73
807-4922R-16L	4922R-16L	18	0.119	1.82	2.76	2.35	2.00	1.73
807-4922R-17L	4922R-17L	22	0.152	1.61	2.76	2.35	2.00	1.73
807-4922R-19L	4922R-19L	33	0.222	1.33	2.76	2.35	2.00	1.73
807-4922R-20L	4922R-20L	39	0.315	1.12	2.76	2.35	2.00	1.73
807-4922R-21L	4922R-21L	47	0.362	1.04	2.76	2.35	2.00	1.73
807-4922R-22L	4922R-22L	56	0.397	1.00	2.76	2.35	2.00	1.73
807-4922R-23L	4922R-23L	68	0.418	0.97	2.76	2.35	2.00	1.73
807-4922R-25L	4922R-25L	100	0.672	0.76	2.76	2.35	2.00	1.73
807-4922R-29L	4922R-29L	220	1.58	0.50	2.76	2.35	2.00	1.73
807-4922R-31L	4922R-31L	330	2.51	0.39	2.76	2.35	2.00	1.73
807-4922R-37L	4922R-37L	1000	6.90	0.24	3.36	2.86	2.44	2.10
807-4922R-38L	4922R-38L	1200	10	0.20	3.36	2.86	2.44	2.10
807-4922R-41L	4922R-41L	2200	20	0.141	3.36	2.86	2.44	2.10
807-4922R-42L	4922R-42L	2700	23	0.131	3.36	2.86	2.44	2.10
807-4922R-43L	4922R-43L	3300	25	0.126	3.36	2.86	2.44	2.10
807-4922R-48L	4922R-48L	8200	66	0.077	3.36	2.86	2.44	2.10

P1330R SERIES

- Operating Temperature: -55°C to +125°C
- Current Rating at 90°C Ambient: 35°C Rise
- Tolerance: ±10%

Physical Parameters		
	Inches	Millimeters
A	0.300 to 0.325	7.62 to 8.26
B	0.105 to 0.125	2.67 to 3.18
C	0.125 to 0.145	3.18 to 3.68
D	0.020 Min.	0.508 Min.
E	0.040 to 0.060	1.02 to 1.52
F	0.190 (Ref Only)	4.83 (Ref Only)
G	0.070 (Ref Only)	1.78 (Ref Only)



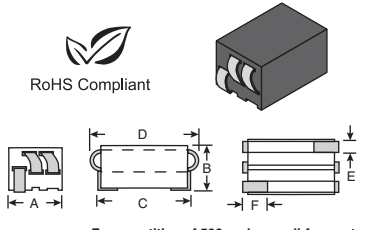
For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Ind. (μH)	DCR Max. (Ω)	I _{dc} Max. (mA)	Price Each			
					1	10	50	100
807-P1330R-152K	P1330R-152K	1.5	0.043	2030	2.48	2.11	1.80	1.55
807-P1330R-182K	P1330R-182K	1.8	0.048	1950	2.48	2.11	1.80	1.55
807-P1330R-272K	P1330R-272K	2.7	0.080	1550	2.48	2.11	1.80	1.55
807-P1330R-332K	P1330R-332K	3.3	0.108	1460	2.48	2.11	1.80	1.55
807-P1330R-822K	P1330R-822K	8.2	0.180	1020	2.48	2.11	1.80	1.55
807-P1330R-153K	P1330R-153K	15	0.288	858	2.48	2.11	1.80	1.55
807-P1330R-333K	P1330R-333K	33	0.538	568	2.48	2.11	1.80	1.55
807-P1330R-473K	P1330R-473K	47	0.792	467	2.48	2.11	1.80	1.55
807-P1330R-683K	P1330R-683K	68	1.02	384	2.48	2.11	1.80	1.55
807-P1330R-823K	P1330R-823K	82	1.38	362	2.48	2.11	1.80	1.55
807-P1330R-154K	P1330R-154K	150	2.04	272	2.88	2.45	2.09	1.80
807-P1330R-184K	P1330R-184K	180	2.40	261	2.88	2.45	2.09	1.80
807-P1330R-224K	P1330R-224K	220	2.65	223	2.88	2.45	2.09	1.80

SMB2.5R SERIES

- Operating Temperature: -40°C to +125°C
- Current Rating at 90°C Ambient: 35°C Rise
- Tolerance: ±10%

Physical Parameters		
	Inches	Millimeters
A	0.285 ± 0.010	7.2 ± 0.25
B	0.185 ± 0.015	4.7 ± 0.38
C	0.355 ± 0.020	9.02 ± 0.51
D	0.460 Max.	11.68 Max.
E	0.050 ± 0.005	1.27 ± 0.13
F	0.075 Min.	1.9 Min.

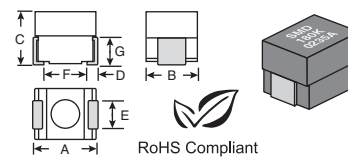


For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Ind. (μH)	Q Min.	Test Freq. (MHz)	I _{dc} Max. (mA)	Price Each			
						1	50	100	350
807-SMB2.5R-1	SMB2.5R-1	2.5	0.005	385	9.5	.92	.78	.67	.58
807-SMB2.5R-2	SMB2.5R-2	2.5	0.005	490	9.5	.92	.78	.67	.58

1210R SERIES

- Operating Temperature: -55°C to +125°C
- Current Rating at 90°C Ambient: 35°C Rise



Physical Parameters		
	Inches	Millimeters
A	0.118 to 0.138	3.00 to 3.51
B	0.085 to 0.105	2.16 to 2.67
C	0.081 to 0.101	2.06 to 2.57
D	0.016 Min.	0.41 Min.
E	0.041 to 0.061	1.04 to 1.55
F	0.070 (Ref Only)	1.78 (Ref Only)
G	0.054 (Ref Only)	1.37 (Ref Only)

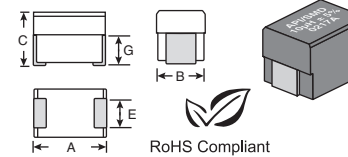
Dimensions "A" and "C" are over terminals.

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Ind. (μH)	Q Min.	Test Freq. (MHz)	I _{dc} Max. (mA)	Price Each			
						1	10	50	100
Phenolic Core: ±10% Tolerance									
807-1210R-150K	1210R-150K	0.015	30	50	871	.55	.53	.48	.46
807-1210R-220K	1210R-220K	0.022	30	50	779	.55	.53	.48	.46
807-1210R-270K	1210R-270K	0.027	30	50	743	.55	.53	.48	.46
807-1210R-330K	1210R-330K	0.033	30	50	711	.55	.53	.48	.46
807-1210R-680K	1210R-680K	0.068	30	50	580	.55	.53	.48	.46
Iron Core: ±10% Tolerance									
807-1210R-101K	1210R-101K	0.10	30	25	1018	.55	.53	.48	.46
807-1210R-221K	1210R-221K	0.22	30	25	805	.55	.53	.48	.46
807-1210R-331K	1210R-331K	0.33	30	25	720	.55	.53	.48	.46
807-1210R-471K	1210R-471K	0.47	30	25	644	.55	.53	.48	.46
807-1210R-561K	1210R-561K	0.56	30	25	614	.55	.53	.48	.46
807-1210R-681K	1210R-681K	0.68	30	25	588	.55	.53	.48	.46
807-1210R-821K	1210R-821K	0.82	30	25	556	.55	.53	.48	.46
Ferrite Core: ±5% Tolerance									
807-1210R-102J	1210R-102J	1.0	30	7.9	515	.63	.60	.55	.53
807-1210R-122J	1210R-122J	1.2	30	7.9	497	.63	.60	.55	.53
807-1210R-152J	1210R-152J	1.5	30	7.9	467	.63	.60	.55	.53
807-1210R-222J	1210R-222J	2.2	30	7.9	431	.63	.60	.55	.53
807-1210R-332J	1210R-332J	3.3	30	7.9	393	.63	.60	.55	.53
807-1210R-392J	1210R-392J	3.9	30	7.9	378	.63	.60	.55	.53
807-1210R-472J	1210R-472J	4.7	30	7.9	352	.63	.60	.55	.53
807-1210R-562J	1210R-562J	5.6	30	7.9	341	.63	.60	.55	.53
807-1210R-682J	1210R-682J	6.8	30	7.9	321	.63	.60	.55	.53
807-1210R-822J	1210R-822J	8.2	30	7.9	305	.63	.60	.55	.53
807-1210R-103J	1210R-103J	10	30	7.9	297	.63	.60	.55	.53
807-1210R-123J	1210R-123J	12	30	2.5	272	.63	.60	.55	.53
807-1210R-153J	1210R-153J	15	30	2.5	257	.63	.60	.55	.53
807-1210R-183J	1210R-183J	18	30	2.5	237	.63	.60	.55	.53
807-1210R-223J	1210R-223J	22	30	2.5	224	.63	.60	.55	.53
807-1210R-333J	1210R-333J	33	30	2.5	182	.63	.60	.55	.53
807-1210R-393J	1210R-393J	39	30	2.5	170	.63	.60	.55	.53
807-1210R-473J	1210R-473J	47	30	2.5	163	.63	.60	.55	.53
807-1210R-563J	1210R-563J	56	30	2.5	152	.63	.60	.55	.53
807-1210R-823J	1210R-823J	82	30	2.5	136	.63	.60	.55	.53
807-1210R-104J	1210R-104J	100	30	2.5	120	.63	.60	.55	.53

1812R SERIES

- Operating Temperature: -55°C to +125°C
- Current Rating at 90°C Ambient: 35°C Rise



Physical Parameters		
	Inches	Millimeters
A	0.118 to 0.138	3.00 to 3.51
B	0.085 to 0.105	2.16 to 2.67
C	0.081 to 0.101	2.06 to 2.57
D	0.016 Min.	0.41 Min.
E	0.041 to 0.061	1.04 to 1.55
F	0.070 (Ref Only)	1.78 (Ref Only)
G	0.054 (Ref Only)	1.37 (Ref Only)

Dimensions "A" and "C" are over terminals.

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Ind. (μH)	Q Min.	Test Freq. (MHz)	I _{dc} Max. (mA)	Price Each			
						1	50	100	350
Iron Core: ±10% Tolerance									
807-1812R-151K	1812R-151K	0.15	30	25	818	.50	.48	.44	.42
807-1812R-221K	1812R-221K	0.22	30	25	708	.50	.48	.44	.42
807-1812R-471K	1812R-471K	0.47	30	25	501	.50	.48	.44	.42
807-1812R-681K	1812R-681K	0.68	30	25	379	.50	.48	.44	.42
807-1812R-821K	1812R-821K	0.82	30	25	354	.50	.48	.44	.42
Ferrite Core: ±5% Tolerance									
807-1812R-102J	1812R-102J	1.0	50	7.9	634	.73	.70	.64	.61
807-1812R-122J	1812R-122J	1.2	50						