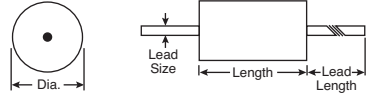
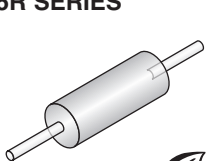


# API DELEVAN Power Inductors

## API Delevan

### 1025R SERIES

This product is RoHS compliant.



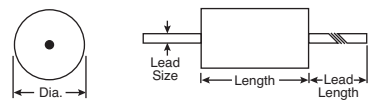
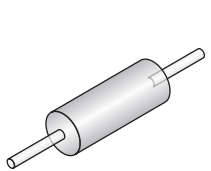
Physical Parameters		
	Inches	Millimeters
Length	0.250 ± 0.010	6.35 ± 0.25
Diameter	0.095 ± 0.010	2.41 ± 0.25
Lead Size: AWG #24 TCW	0.020 ± 0.0015	0.508 ± 0.038
Lead Length	1.5 ± 0.12	38.1 ± 3.05



For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Ind. (µH)	Q Min.	Test Freq. (MHz)	Idc. Max. (mA)	Price Each				
						1	10	100	500	
<b>Phenolic Core</b>										
807-1025R-94K	1025R-94K	0.10	40	25	1380	.88	.75	.55	.48	
807-1025R-96K	1025R-96K	0.12	40	25	1300	.88	.75	.55	.48	
807-1025R-08K	1025R-08K	0.33	30	25	830	.88	.75	.55	.48	
807-1025R-10K	1025R-10K	0.39	30	25	710	.88	.75	.55	.48	
807-1025R-12K	1025R-12K	0.47	30	25	660	.88	.75	.55	.48	
807-1025R-16K	1025R-16K	0.68	28	25	500	.88	.75	.55	.48	
807-1025R-20K	1025R-20K	1.0	25	25	390	.88	.75	.55	.48	
<b>Iron Core</b>										
807-1025R-28K	1025R-28K	2.2	30	7.9	415	.88	.75	.55	.48	
807-1025R-30K	1025R-30K	2.7	37	7.9	355	.88	.75	.55	.48	
807-1025R-32K	1025R-32K	3.3	45	7.9	285	.88	.75	.55	.48	
807-1025R-36K	1025R-36K	4.7	45	7.9	239	.88	.75	.55	.48	
807-1025R-40K	1025R-40K	6.8	50	7.9	185	.88	.75	.55	.48	
807-1025R-42K	1025R-42K	8.2	55	7.9	160	.88	.75	.55	.48	
807-1025R-44K	1025R-44K	10	55	7.9	144	.88	.75	.55	.48	
807-1025R-46K	1025R-46K	12	45	2.5	160	.88	.75	.55	.48	
807-1025R-48K	1025R-48K	15	45	2.5	157	.88	.75	.55	.48	
807-1025R-52K	1025R-52K	22	50	2.5	144	.88	.75	.55	.48	
<b>Ferrite Core</b>										
807-1025R-56K	1025R-56K	33	45	2.5	130	1.12	.95	.70	.62	
807-1025R-58K	1025R-58K	39	45	2.5	125	1.12	.95	.70	.62	
807-1025R-60K	1025R-60K	47	45	2.5	110	1.12	.95	.70	.62	
807-1025R-64K	1025R-64K	68	50	2.5	92	1.12	.95	.70	.62	
807-1025R-68K	1025R-68K	100	50	2.5	84	1.12	.95	.70	.62	
807-1025R-72K	1025R-72K	150	30	0.79	61	1.12	.95	.70	.62	
807-1025R-84K	1025R-84K	470	30	0.79	36	1.40	1.19	.88	.77	
807-1025R-86K	1025R-86K	560	30	0.79	35	1.40	1.19	.88	.77	
807-1025R-92K	1025R-92K	1000	30	0.79	28	1.40	1.19	.88	.77	

### 2474R SERIES



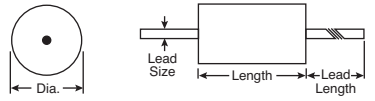
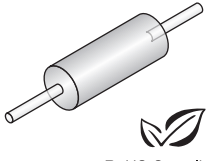
Physical Parameters		
	Inches	Millimeters
Length	0.740 ± 0.010	18.80 ± 0.25
Diameter	0.240 ± 0.010	6.10 ± 0.25
Lead Size: AWG #24 TCW	0.032 ± 0.002	0.813 ± 0.051
Lead Length	1.44 ± 0.12	36.58 ± 3.05



For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Ind. (µH)	DCR Max.	Idc. Max. (mA)	Price Each			
					1	10	100	500
807-2474R-01L	2474R-01L	1.0	0.009	6.27	3.40	2.89	2.13	1.87
807-2474R-05L	2474R-05L	2.2	0.013	5.22	3.40	2.89	2.13	1.87
807-2474R-09L	2474R-09L	4.7	0.022	4.01	3.40	2.89	2.13	1.87
807-2474R-12L	2474R-12L	8.2	0.028	3.55	3.40	2.89	2.13	1.87
807-2474R-13L	2474R-13L	10	0.033	3.27	3.40	2.89	2.13	1.87
807-2474R-15L	2474R-15L	15	0.04	2.97	3.40	2.89	2.13	1.87
807-2474R-16L	2474R-16L	18	0.044	2.84	3.40	2.89	2.13	1.87
807-2474R-17L	2474R-17L	22	0.05	2.66	2.83	2.50	1.55	1.42
807-2474R-18L	2474R-18L	27	0.07	2.25	3.40	2.89	2.13	1.87
807-2474R-19L	2474R-19L	33	0.075	2.17	3.40	2.89	2.13	1.87
807-2474R-20L	2474R-20L	39	0.084	2.05	3.40	2.89	2.13	1.87
807-2474R-21L	2474R-21L	47	0.104	1.84	3.40	2.89	2.13	1.87
807-2474R-22L	2474R-22L	56	0.13	1.65	3.40	2.89	2.13	1.87
807-2474R-24L	2474R-24L	82	0.152	1.53	3.40	2.89	2.13	1.87
807-2474R-25L	2474R-25L	100	0.208	1.3	3.40	2.89	2.13	1.87
807-2474R-26L	2474R-26L	120	0.283	1.12	3.40	2.89	2.13	1.87
807-2474R-29L	2474R-29L	220	0.505	0.84	3.40	2.89	2.13	1.87
807-2474R-33L	2474R-33L	470	1.03	0.59	3.40	2.89	2.13	1.87
807-2474R-37L	2474R-37L	1000	2.3	0.39	4.12	3.50	2.58	2.27

### 1641R SERIES



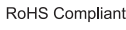
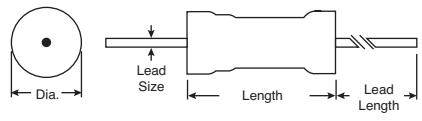
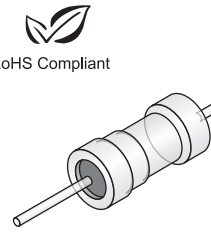
Physical Parameters		
	Inches	Millimeters
Length	0.410 ± 0.020	10.41 ± 0.51
Diameter	0.162 ± 0.010	4.11 ± 0.25
Lead Size: AWG #24 TCW	0.025 ± 0.002	0.635 ± 0.05
Lead Length	1.44 ± 0.12	36.58 ± 3.05



For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Ind. (µH)	Q Min.	Test Freq. (MHz)	Idc. Max. (mA)	Price Each				
						1	10	100	500	
<b>Phenolic Core / Iron Sleeve</b>										
807-1641R-121K	1641R-121K	0.12	51	25	1570	.98	.94	.82	.78	
807-1641R-151K	1641R-151K	0.15	51	25	1500	.98	.94	.82	.78	
807-1641R-181K	1641R-181K	0.18	50	25	1330	.98	.94	.82	.78	
807-1641R-221K	1641R-221K	0.22	49	25	1120	.98	.94	.82	.78	
807-1641R-271K	1641R-271K	0.27	47	25	870	.98	.94	.82	.78	
807-1641R-331K	1641R-331K	0.33	46	25	800	.98	.94	.82	.78	
807-1641R-391K	1641R-391K	0.39	44	25	680	.98	.94	.82	.78	
807-1641R-471K	1641R-471K	0.47	44	25	580	.98	.94	.82	.78	
807-1641R-561K	1641R-561K	0.56	43	25	505	.98	.94	.82	.78	
807-1641R-681K	1641R-681K	0.68	42	25	430	.98	.94	.82	.78	
807-1641R-821K	1641R-821K	0.82	40	25	375	.98	.94	.82	.78	
<b>Iron Core / Iron Sleeve</b>										
807-1641R-102K	1641R-102K	1.0	44	25	1090	.98	.94	.82	.78	
807-1641R-152K	1641R-152K	1.5	44	7.9	835	.98	.94	.82	.78	
807-1641R-182K	1641R-182K	1.8	44	7.9	775	.98	.94	.82	.78	
807-1641R-222K	1641R-222K	2.2	44	7.9	665	.98	.94	.82	.78	
807-1641R-392K	1641R-392K	3.9	44	7.9	455	.98	.94	.82	.78	
807-1641R-472K	1641R-472K	4.7	44	7.9	390	.98	.94	.82	.78	
807-1641R-682K	1641R-682K	6.8	50	7.9	285	.98	.94	.82	.78	
807-1641R-822K	1641R-822K	8.2	50	7.9	250	.98	.94	.82	.78	
807-1641R-103K	1641R-103K	10	50	7.9	228	.98	.94	.82	.78	
<b>Ferrite Core / Ferrite Sleeve</b>										
807-1641R-153K	1641R-153K	15	45	2.5	325	.98	.94	.82	.78	
807-1641R-223K	1641R-223K	22	45	2.5	295	.98	.94	.82	.78	
807-1641R-333K	1641R-333K	33	45	2.5	248	.98	.94	.82	.78	
807-1641R-473K	1641R-473K	47	50	2.5	200	.98	.94	.82	.78	
807-1641R-563K	1641R-563K	56	50	2.5	194	.98	.94	.82	.78	
807-1641R-104K	1641R-104K	100	50	2.5	164	1.08	1.03	.90	.86	
807-1641R-124K	1641R-124K	120	55	0.79	153	1.08	1.03	.90	.86	
807-1641R-224K	1641R-224K	220	55	0.79	130	1.08	1.03	.90	.86	
807-1641R-394K	1641R-394K	390	60	0.79	107	1.08	1.03	.90	.86	
807-1641R-474K	1641R-474K	470	60	0.79	94	1.08	1.03	.90	.86	
807-1641R-105K	1641R-105K	1000	60	0.79	70	1.08	1.03	.90	.86	

### 4590R SERIES



Physical Parameters		
	Inches	Millimeters
Length	0.900 Max.	22.86 Max.
Diameter	0.455 Max.	11.55 Max.
Lead Size: AWG #20 TCW	0.032 ± 0.002	0.813 ± 0.05
Lead Length	1.10 Min.	27.94 Min.

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Ind. (µH)	DCR Max.	Idc. Max. (mA)	Price Each			
					1	10	100	500
807-4590R-392K	4590R-392K	3.9	0.007	9.75	3.00	2.55	1.88	1.65
807-4590R-562K	4590R-562K	5.6	0.011	7.77	3.00	2.55	1.88	1.65
807-4590R-103K	4590R-103K	10	0.016	6.44	3.00	2.55	1.88	1.65
807-4590R-123K	4590R-123K	12	0.018	6.07	3.00	2.55	1.88	1.65
807-4590R-153K	4590R-153K	15	0.02	5.76	3.00	2.55	1.88	