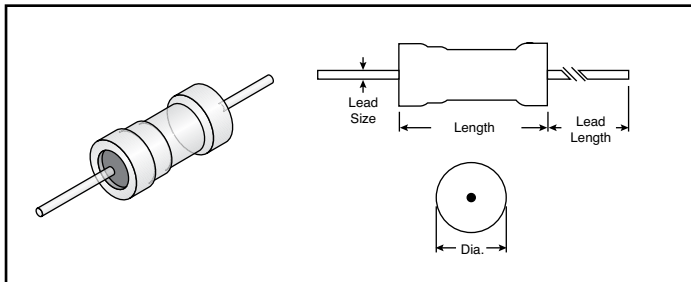


API DELEVAN Power Inductors

API Delevan

4590 SERIES / HIGH CURRENT FILTER INDUCTORS LEADED

Mechanical Configuration: Ferrite Bobbin protected with a flame retardant polyolefin sleeve.



Specifications:

- Operating Temperature: -55°C to +125°C, -55°C to +85°C @ full rated current
- Current Rating: 40°C Rise over 85°C Ambient
- Max Power Dissipation at 85°C: 0.70 Watts

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.	Nominal Inductance ±10% (µH)	Max. DC Resistance (Ω)	Max. Current Rating (Amps)	Price Each			
					1	10	100	500
807-4590-392K	4590-392K	3.9	0.007	9.75				
807-4590-472K	4590-472K	4.7	0.008	9.11				
807-4590-562K	4590-562K	5.6	0.011	7.77				
807-4590-682K	4590-682K	6.8	0.011	7.6				
807-4590-822K	4590-822K	8.2	0.013	7.15				
807-4590-103K	4590-103K	10	0.016	6.44				
807-4590-123K	4590-123K	12	0.018	6.07				
807-4590-153K	4590-153K	15	0.02	5.76				
807-4590-183K	4590-183K	18	0.02	5.49				
807-4590-223K	4590-223K	22	0.024	5.26				
807-4590-273K	4590-273K	27	0.025	5.15				
807-4590-333K	4590-333K	33	0.028	4.87				
807-4590-393K	4590-393K	39	0.028	4.87				
807-4590-473K	4590-473K	47	0.034	4.45				

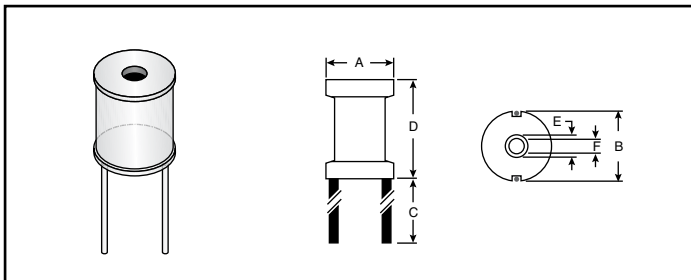
For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Nominal Inductance ±10% (µH)	Rdc. Max. (Ω)	Idc. Max. (A)	Price Each			
					1	10	100	500
807-4590-563K	4590-563K	56	0.043	3.93				
807-4590-683K	4590-683K	68	0.059	3.35				
807-4590-823K	4590-823K	82	0.066	3.17				
807-4590-104K	4590-104K	100	0.084	2.81				
807-4590-124K	4590-124K	120	0.113	2.43				
807-4590-154K	4590-154K	150	0.129	2.27				
807-4590-184K	4590-184K	180	0.15	2.1				
807-4590-224K	4590-224K	220	0.162	2.02				
807-4590-274K	4590-274K	270	0.226	1.71				
807-4590-334K	4590-334K	330	0.257	1.61				
807-4590-394K	4590-394K	390	0.288	1.52				
807-4590-474K	4590-474K	470	0.393	1.3				
807-4590-564K	4590-564K	560	0.504	1.15				
807-4590-684K	4590-684K	680	0.57	1.08				
807-4590-824K	4590-824K	820	0.643	1.01				
807-4590-105K	4590-105K	1000	0.844	0.89				
807-4590-125K	4590-125K	1200	0.977	0.82				
807-4590-155K	4590-155K	1500	1.18	0.75				
807-4590-185K	4590-185K	1800	1.5	0.66				
807-4590-225K	4590-225K	2200	1.76	0.61				
807-4590-275K	4590-275K	2700	2.13	0.56				
807-4590-335K	4590-335K	3300	2.53	0.51				
807-4590-395K	4590-395K	3900	2.84	0.48				
807-4590-475K	4590-475K	4700	3.79	0.41				
807-4590-565K	4590-565K	5600	4.24	0.39				
807-4590-685K	4590-685K	6800	5.75	0.34				
807-4590-825K	4590-825K	8200	6.44	0.32				
807-4590-106K	4590-106K	10000	7.3	0.3				
807-4590-126K	4590-126K	12000	9.34	0.26				
807-4590-156K	4590-156K	15000	10.7	0.25				
807-4590-186K	4590-186K	18000	14.8	0.21				
807-4590-226K	4590-226K	22000	18	0.19				
807-4590-276K	4590-276K	27000	22.7	0.17				
807-4590-396K	4590-396K	39000	29.7	0.15				
807-4590-476K	4590-476K	47000	33.7	0.14				
807-4590-566K	4590-566K	56000	38	0.13				
807-4590-686K	4590-686K	68000	52.8	0.11				
807-4590-826K	4590-826K	82000	67.3	0.1				
807-4590-107K	4590-107K	100000	76	0.09				

Inductors API Delevan

DC780 SERIES/ HIGH CURRENT POWER LINE CHOKES, LEADED

Mechanical Configuration: Ferrite Bobbin protected with a flame retardant polyolefin sleeve; center hole allows for mechanical mounting; insulated bobbins.



Specifications:

- Operating Temperature: -55°C to +125°C
- Current Rating: 40°C Rise over 85°C Ambient
- Max Power Dissipation at 85°C: 0.50 Watts

Physical Parameters		
	Inches	Millimeters
A	0.775 to 0.025	19.6 ± 0.6
B	See Part Number for Dia.	
C	0.750 Min.	6.76 to 7.26
D	0.815 ± 0.015	1.27 Min.
E	0.195 Max. (Ref Only)	1.78 to 2.79
F	Clearance Hole for 4/40 Screw	

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Nominal Induct. (µH)	Rdc. Max. (Ω)	Idc. Max. (A)	Dia. Dim. B (In.)	Price Each			
						1	10	100	500
807-DC780-102L	DC780-102L	1	0.003	11.4	0.620				
807-DC780-152L	DC780-152L	1.5	0.003	11.4	0.620				
807-DC780-222L	DC780-222L	2.2	0.004	11.4	0.620				

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	API Delevan Part No.	Nominal Induct. (µH)	Rdc. Max. (Ω)	Idc. Max. (A)	Dia. Dim. B (In.)	Price Each			
						1	10	100	500
807-DC780-272L	DC780-272L	2.7	0.005	11.4	0.620				
807-DC780-332L	DC780-332L	3.3	0.005	11.4	0.620				
807-DC780-472L	DC780-472L	4.7	0.005	11.4	0.620				
807-DC780-562L	DC780-562L	5.6	0.006	11.4	0.620				
807-DC780-682L	DC780-682L	6.8	0.007	11.4	0.620				
807-DC780-822L	DC780-822L	8.2	0.007	11.4	0.620				
807-DC780-103K	DC780-103K	10	0.009	11.4	0.620				
807-DC780-153K	DC780-153K	15	0.013	9	0.625				
807-DC780-223K	DC780-223K	22	0.019	7.2	0.630				
807-DC780-273K	DC780-273K	27	0.026	5.5	0.546				
807-DC780-333K	DC780-333K	33	0.029	5.5	0.546				
807-DC780-473K	DC780-473K	47	0.035	5.5	0.625				
807-DC780-563K	DC780-563K	56	0.039	5.5	0.625				
807-DC780-823K	DC780-823K	82	0.06	4.8	0.656				
807-DC780-104K	DC780-104K	100	0.08	4	0.593				
807-DC780-124K	DC780-124K	120	0.09	4	0.593				
807-DC780-154K	DC780-154K	150	0.098	4	0.593				
807-DC780-184K	DC780-184K	180	0.11	4	0.593				
807-DC780-224K	DC780-224K	220	0.15	2.8	0.593				
807-DC780-274K	DC780-274K	270	0.213	2	0.562				
807-DC780-334K	DC780-334K	330	0.305	1.6	0.590				
807-DC780-394K	DC780-394K	390	0.32	1.6	0.590				
807-DC780-474K	DC780-474K	470	0.355	1.6	0.590				
807-DC780-564K	DC780-564K	560	0.388	1.6	0.590				
807-DC780-684K	DC780-684K	680	0.43	1.6	0.590				
807-DC780-824K	DC780-824K	820	0.59	1.3	0.590				
807-DC780-105K	DC780-105K	1000	0.818	1	0.590				
807-DC780-125K	DC780-125K	1200	1.14	0.8	0.590				
807-DC780-225K	DC780-225K	2200	1.54	0.8	0.590				