

API DELEVAN SMD Inductors

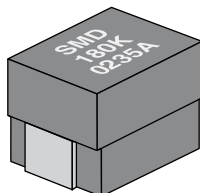
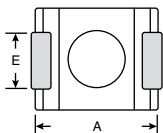
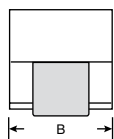
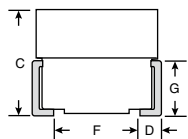
RoHS Compliant This product is RoHS compliant.

API Delevan

S1008R SERIES

Specifications:

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



RoHS Compliant

Physical Parameters		
	Inches	Millimeters
A	0.095 to 0.115	2.41 to 2.92
B	0.085 to 0.105	2.16 to 2.66
C	0.075 to 0.095	1.91 to 2.41
D	0.010 to 0.030	0.26 to 0.76
E	0.040 to 0.060	1.02 to 1.52
F	0.060 (Ref Only)	1.52 (Ref Only)
G	0.045 (Ref Only)	1.14 (Ref Only)

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

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
807-S1008R-101K	S1008R-101K	0.10	40	25	1120				
807-S1008R-221K	S1008R-221K	0.22	40	25	930				
807-S1008R-911K	S1008R-911K	0.91	40	25	685				
807-S1008R-152K	S1008R-152K	1.5	30	7.9	545				
807-S1008R-182K	S1008R-182K	1.8	30	7.9	435				
807-S1008R-472K	S1008R-472K	4.7	30	7.9	305				
807-S1008R-822K	S1008R-822K	8.2	30	7.9	240				
807-S1008R-103K	S1008R-103K	10	30	7.9	230				
807-S1008R-223K	S1008R-223K	22	30	2.5	170				
807-S1008R-473K	S1008R-473K	47	30	2.5	110				

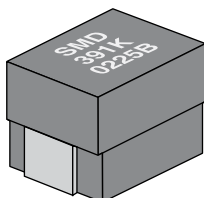
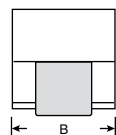
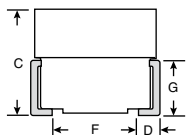
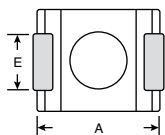
S1210R SERIES

Specifications:

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



RoHS Compliant



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.

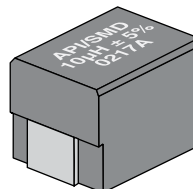
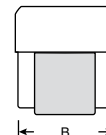
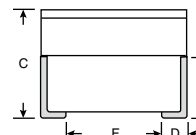
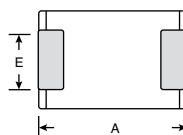
S1812R SERIES

Specifications:

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



RoHS Compliant



Physical Parameters		
	Inches	Millimeters
A	0.166 to 0.190	4.2 to 4.8
B	0.118 to 0.134	3.0 to 3.4
C	0.118 to 0.134	3.0 to 3.4
D	0.038 Min.	0.97 Min.
E	0.041 to 0.061	1.0 to 1.5
F	0.118 (Ref Only)	3.0 (Ref Only)
G	0.066 (Ref Only)	1.7 (Ref Only)

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

Iron Core

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
807-S1210R-101K	S1210R-101K	0.10	40	25	1131				
807-S1210R-151K	S1210R-151K	0.15	40	25	979				
807-S1210R-221K	S1210R-221K	0.22	40	25	876				
807-S1210R-271K	S1210R-271K	0.27	40	25	800				
807-S1210R-821K	S1210R-821K	0.82	40	25	565				

Ferrite Core

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
807-S1210R-102K	S1210R-102K	1.0	40	7.9	635				
807-S1210R-152K	S1210R-152K	1.5	40	7.9	532				
807-S1210R-182K	S1210R-182K	1.8	40	7.9	498				
807-S1210R-222K	S1210R-222K	2.2	40	7.9	470				
807-S1210R-272K	S1210R-272K	2.7	40	7.9	464				
807-S1210R-332K	S1210R-332K	3.3	40	7.9	449				
807-S1210R-392K	S1210R-392K	3.9	40	7.9	441				
807-S1210R-472K	S1210R-472K	4.7	40	7.9	402				
807-S1210R-562K	S1210R-562K	5.6	40	7.9	352				
807-S1210R-682K	S1210R-682K	6.8	40	7.9	328				
807-S1210R-822K	S1210R-822K	8.2	40	7.9	308				
807-S1210R-103K	S1210R-103K	10	40	2.5	291				
807-S1210R-273K	S1210R-273K	27	40	2.5	201				
807-S1210R-393K	S1210R-393K	39	40	2.5	179				
807-S1210R-473K	S1210R-473K	47	40	2.5	171				
807-S1210R-563K	S1210R-563K	56	40	2.5	160				
807-S1210R-683K	S1210R-683K	68	40	2.5	152				
807-S1210R-104K	S1210R-104K	100	40	2.5	127				

Iron Core

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
807-S1812R-101K	S1812R-101K	0.10	50	25	1490				
807-S1812R-181K	S1812R-181K	0.18	50	25	1290				
807-S1812R-331K	S1812R-331K	0.33	40	25	952				
807-S1812R-471K	S1812R-471K	0.47	40	25	802				
807-S1812R-821K	S1812R-821K	0.82	40	25	614				

Ferrite Core

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
807-S1812R-102K	S1812R-102K	1.0	40	7.9	755				
807-S1812R-122K	S1812R-122K	1.2	40	7.9	725				
807-S1812R-152K	S1812R-152K	1.5	40	7.9	706				
807-S1812R-222K	S1812R-222K	2.2	40	7.9	658				
807-S1812R-332K	S1812R-332K	3.3	40	7.9	534				
807-S1812R-472K	S1812R-472K	4.7	40	7.9	471				
807-S1812R-562K	S1812R-562K	5.6	40	7.9	447				
807-S1812R-103K	S1812R-103K	10	50	2.5	333				
807-S1812R-333K	S1812R-333K	33	50	2.5	258				
807-S1812R-393K	S1812R-393K	39	50	2.5	250				
807-S1812R-473K	S1812R-473K	47	50	2.5	242				
807-S1812R-104K	S1812R-104K	100	40	0.79	169				
807-S1812R-274K	S1812R-274K	270	40	0.79	135				
807-S1812R-474K	S1812R-474K	470	40	0.79	91				
807-S1812R-105K	S1812R-105K	1000	40	0.79	60				