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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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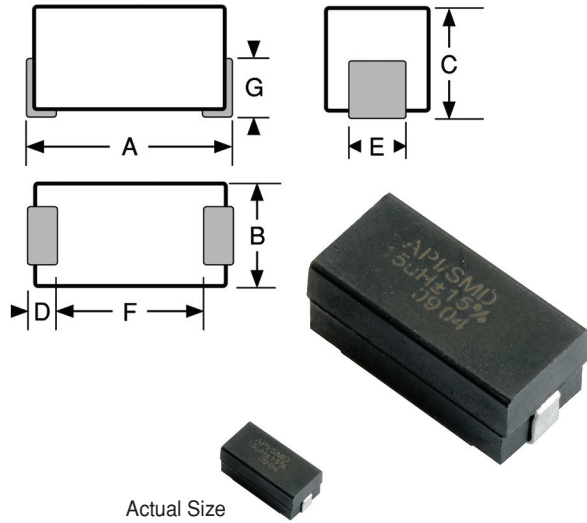
**SERIES**

**MIL4922**



**High Current, MIL-PRF-27/367 Qualified Surface Mount Power Inductors**

DASH NUMBER*	MIL DASH	INDUCTANCE @ 1 kHz (µH) ±15%	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (Amps)	INCREMENTAL CURRENT (Amps)
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Actual Size

**Mechanical Configuration**

Units are encapsulated in a Surface Mount package, using an epoxy molded case. Leads are pre-tinned. A high resistivity ferrite core allows for high inductance with low DC resistance.

**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 .075	1.40 to 1.91
F	0.330 (Ref. only)	8.38 (Ref. only)
G	0.120 (Ref. only)	3.04 (Ref. only)

**Operating Temperature Range** -55°C to +130°C

**Current Rating at 85°C Ambient** 45°C Rise

**Maximum Power Dissipation at 85°C** 0.55 W

**Inductance**

Measured at 1 VAC open circuit with no DC current  
**Incremental Current** The current at which the inductance will decrease by a maximum of 5% from its inductance at zero DC current.

**Weight (Grams Max.)** 1.5

**Packaging** Tape & reel (24mm): 13" reel, 800 pieces max.; 7" reel not available

**Lead Finish** Sn63Pb37  
 (Tin-Lead) Hot Solder Dipped

**Made In the U.S.A.**

M27/367 - SERIES MIL4922 FERRITE CORE					
DASH NUMBER*	MIL DASH	INDUCTANCE @ 1 kHz (µH) ±15%	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (Amps)	INCREMENTAL CURRENT (Amps)
-221L	-01	0.22	0.0080	7.00	7.00
-271L	-02	0.27	0.0085	6.75	6.75
-331L	-03	0.33	0.0090	6.50	6.50
-391L	-04	0.39	0.0095	6.25	6.25
-471L	-05	0.47	0.0100	6.00	6.00
-561L	-06	0.56	0.0105	5.80	5.80
-681L	-07	0.68	0.0110	5.70	5.70
-821L	-08	0.82	0.0120	5.60	5.60
-01L	-09	1.00	0.013	5.50	5.50
-02L	-10	1.20	0.018	4.69	4.69
-03L	-11	1.50	0.020	4.45	4.45
-04L	-12	1.80	0.021	4.34	4.34
-05L	-13	2.20	0.029	3.70	3.70
-06L	-14	2.70	0.034	3.41	3.41
-07L	-15	3.30	0.038	3.23	3.23
-08L	-16	3.90	0.042	3.07	3.07
-09L	-17	4.70	0.047	2.90	2.90
-10L	-18	5.60	0.051	2.79	2.79
-11L	-19	6.80	0.058	2.61	2.61
-12L	-20	8.20	0.063	2.51	2.51
-13L	-21	10.0	0.071	2.36	2.36
-14L	-22	12.0	0.079	2.24	2.24
-15L	-23	15.0	0.089	2.11	2.11
-16L	-24	18.0	0.119	1.82	1.82
-17L	-25	22.0	0.152	1.61	1.61
-18L	-26	27.0	0.179	1.48	1.48
-19L	-27	33.0	0.222	1.33	1.33
-20L	-28	39.0	0.315	1.12	1.12
-21L	-29	47.0	0.362	1.04	1.04
-22L	-30	56.0	0.397	1.00	1.00
-23L	-31	68.0	0.418	0.97	0.97
-24L	-32	82.0	0.604	0.81	0.81
-25L	-33	100	0.672	0.76	0.76
-26L	-34	120	0.735	0.73	0.73
-27L	-35	150	0.998	0.63	0.63
-28L	-36	180	1.370	0.53	0.53
-29L	-37	220	1.580	0.50	0.50
-30L	-38	270	1.770	0.47	0.47
-31L	-39	330	2.510	0.39	0.39
-32L	-40	390	2.730	0.38	0.38
-33L	-41	470	3.250	0.35	0.35
-34L	-42	560	3.750	0.33	0.33
-35L	-43	680	4.310	0.30	0.30
-36L	-44	820	6.040	0.26	0.26
-37L	-45	1000	6.900	0.24	0.24
-38L	-46	1200	10.00	0.200	0.200
-39L	-47	1500	12.50	0.178	0.178
-40L	-48	1800	16.00	0.157	0.157
-41L	-49	2200	20.00	0.141	0.141
-42L	-50	2700	23.00	0.131	0.131
-43L	-51	3300	25.00	0.126	0.126
-44L	-52	3900	33.00	0.110	0.110
-45L	-53	4700	37.00	0.103	0.103
-46L	-54	5600	40.00	0.100	0.100
-47L	-55	6800	62.00	0.080	0.080
-48L	-56	8200	66.00	0.077	0.077
-49L	-57	10000	74.00	0.071	0.071
-50L	-58	12000	93.00	0.065	0.065
-51L	-59	15000	105.0	0.061	0.061
-52L	-60	18000	143.0	0.052	0.052
-53L	-61	22000	160.0	0.050	0.050

\*Complete part # must include series # PLUS the dash #