

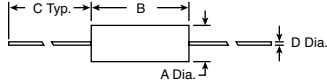
IM-2 MOLDED INDUCTORS

Specifications:

- Insulation resistance: 1000MΩ min.
- Dielectric strength: 1000VAC
- Tolerance Standard = 10%, values 56µH > 5%

Features:

- Wide inductance range in small package
- Flame retardant coating
- Precision performance, excellent reliability, sturdy construction
- Epoxy molded construction provides superior moisture protection



DIMENSIONS: in. (mm)				
Model	A	B	C	D
IM-2	max. .105 (2.67)	.260 (6.60)	1.63 (41.4)	.0215 (.546)
	min. .085 (2.16)	.240 (6.10)	1.25 (31.7)	.0185 (.470)
IM-3	max. .165 (4.19)	.385 (9.78)	1.63 (41.4)	.027 (.686)
	min. .145 (3.68)	.365 (9.27)	1.25 (31.7)	.023 (.584)

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	L (µH)	Tol. ±	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
								1	10	25
70-IM2-.10	0.1	10%	40	25	680	0.08	1350			
70-IM2-.12	0.12	10%	40	25	640	0.09	1270			
70-IM2-.15	0.15	10%	38	25	600	0.1	1200			
70-IM2-.18	0.18	10%	35	25	550	0.12	1105			
70-IM2-.22	0.22	10%	33	25	510	0.14	1025			
70-IM2-.27	0.27	10%	33	25	430	0.16	960			
70-IM2-.33	0.33	10%	30	25	410	0.22	815			
70-IM2-.39	0.39	10%	30	25	365	0.3	700			
70-IM2-.47	0.47	10%	30	25	330	0.35	650			
70-IM2-.56	0.56	10%	30	25	300	0.5	545			
70-IM2-.68	0.68	10%	28	25	275	0.6	495			
70-IM2-.82	0.82	10%	28	25	250	0.85	415			
70-IM2-1.0	1.0	10%	25	25	230	1	385			
70-IM2-1.2	1.2	10%	25	7.9	150	0.18	590			
70-IM2-1.5	1.5	10%	28	7.9	140	0.22	535			
70-IM2-2.2	2.2	10%	30	7.9	115	0.4	395			
70-IM2-2.7	2.7	10%	37	7.9	100	0.55	355			
70-IM2-3.3	3.3	10%	45	7.9	90	0.85	270			
70-IM2-3.9	3.9	10%	45	7.9	80	1	250			
70-IM2-4.7	4.7	10%	45	7.9	75	1.2	230			
70-IM2-5.6	5.6	10%	50	7.9	65	1.8	185			
70-IM2-6.8	6.8	10%	50	7.9	60	2	175			
70-IM2-8.2	8.2	10%	55	7.9	55	2.7	155			
70-IM2-10	10	10%	55	7.9	50	3.7	130			
70-IM2-12	12	10%	45	2.5	40	2.7	155			
70-IM2-15	15	10%	40	2.5	35	2.8	150			
70-IM2-18	18	10%	50	2.5	30	3.1	145			
70-IM2-22	22	10%	50	2.5	25	3.3	140			
70-IM2-27	27	10%	50	2.5	20	3.5	135			
70-IM2-33	33	10%	45	2.5	24	3.4	130			
70-IM2-39	39	10%	45	2.5	22	3.6	125			
70-IM2-47	47	10%	45	2.5	20	4.5	110			
70-IM2-56	56	10%	45	2.5	18	5.7	100			
70-IM2-68	68	10%	50	2.5	15	6.7	92			
70-IM2-82	82	10%	50	2.5	14	7.3	88			
70-IM2-100	100	10%	50	2.5	13	8	84			
70-IM2-120	120	10%	30	0.79	12	13	66			
70-IM2-180	180	10%	30	0.79	10	17	57			
70-IM2-220	220	10%	30	0.79	9	21	52			
70-IM2-270	270	10%	30	0.79	8	25	47			
70-IM2-330	330	10%	30	0.79	7	28	45			
70-IM2-390	390	10%	30	0.79	6.5	35	40			
70-IM2-470	470	10%	30	0.79	6	42	36			
70-IM2-560	560	10%	30	0.79	5	46	35			
70-IM2-680	680	10%	30	0.79	4	60	30			
70-IM2-820	820	10%	30	0.79	3.8	65	29			
70-IM2-1000	1000	10%	30	0.79	3.4	72	28			
70-IM4-.15	0.15	10%	50	25	525	0.03	2450			
70-IM4-.33	0.33	10%	45	25	360	0.09	1400			
70-IM4-.47	0.47	10%	45	25	310	0.12	1225			
70-IM4-1.0	1	10%	50	25	200	0.29	785			
70-IM4-1.2	1.2	10%	33	7.9	180	0.42	650			
70-IM4-1.5	1.5	10%	33	7.9	160	0.5	600			
70-IM4-1.8	1.8	10%	33	7.9	150	0.65	525			
70-IM4-2.2	2.2	10%	33	7.9	135	0.95	435			
70-IM4-2.7	2.7	10%	33	7.9	120	1.2	385			
70-IM4-3.3	3.3	10%	33	7.9	110	2	300			
70-IM4-3.9	3.9	10%	33	7.9	100	2.3	280			
70-IM4-4.7	4.7	10%	33	7.9	90	2.6	260			
70-IM4-6.8	6.8	10%	50	7.9	55	0.5	395			
70-IM4-10	10	10%	55	7.9	45	0.9	290			
70-IM4-12	12	10%	65	2.5	42	1.1	265			
70-IM4-15	15	10%	65	2.5	40	1.4	240			
70-IM4-18	18	10%	75	2.5	34	2.25	185			
70-IM4-22	22	10%	75	2.5	30	2.5	175			
70-IM4-33	33	10%	65	2.5	19	3	165			
70-IM4-47	47	10%	55	2.5	13	2.75	170			
70-IM4-100	100	10%	50	2.5	9.5	4.5	133			
70-IM4-220	220	10%	65	0.79	6.2	7.45	103			
70-IM4-240	240	10%	65	0.79	5.9	7.8	101			
70-IM4-470	470	10%	65	0.79	3.9	17.9	100			

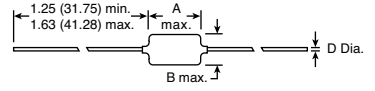
IR SERIES EPOXY CONFORMAL COATED INDUCTORS

Specifications:

- Insulation Resistance: 1000MΩ min.
- Dielectric Strength: 1000VAC

Features:

- Flame retardant coating
- Color band identification
- Excellent environmental characteristics
- Comparable in quality to molded chokes at a lower price
- Uniform coating is excellent for automatic insertion
- Epoxy coating is more durable than lacquer coated models, yet is priced comparable



DIMENSIONS: in. (mm)				
Model	A	B	C	D
IR-2	.260 (6.60)	.120 (3.05)	.330 (8.38)	.0200 (0.508)
IR-4	.385 (9.78)	.180 (4.57)	.440 (11.18)	.0250 (0.635)

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	L (µH)	Tol. ±	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
								1	10	25
70-IR2-.1	0.1	10%	40	25	680	0.08	1350			
70-IR2-.15	0.15	10%	38	25	600	0.1	1200			
70-IR2-.22	0.22	10%	33	25	510	0.14	1025			
70-IR2-.39	0.39	10%	30	25	365	0.3	700			
70-IR2-1.2	1.2	10%	25	7.9	150	0.18	590			
70-IR2-1.5	1.5	10%	28	7.9	140	0.22	535			
70-IR2-1.8	1.8	10%	30	7.9	125	0.3	455			
70-IR2-2.7	2.7	10%	37	7.9	100	0.55	355			
70-IR2-3.3	3.3	10%	45	7.9	90	0.85	270			
70-IR2-3.9	3.9	10%	45	7.9	80	1	250			
70-IR2-6.8	6.8	10%	50	7.9	60	2	175			
70-IR2-8.2	8.2	10%	55	7.9	55	2.7	155			
70-IR2-10	10	10%	55	7.9	50	3.7	130			
70-IR2-12	12	10%	45	2.5	40	2.7	155			
70-IR2-27	27	10%	50	2.5	20	3.5	135			
70-IR2-47	47	10%	45	2.5	20	4.5	110			
70-IR2-56	56	10%	45	2.5	18	5.7	100			
70-IR2-1000	1000	10%	30	0.79	3.4	72	28			
70-IR4-.22	0.22	10%	50	25	450	0.055	1810			
70-IR4-5.6	5.6	10%	45	7.9	60	32	495			
70-IR4-18	18	10%	75	2.5	34	2.25	185			
70-IR4-22	22	10%	75	2.5	30	2.5	175			
70-IR4-J-56	56	5%	55	2.5	12	3	164			
70-IR4-J-68	68	5%	55	2.5	11	3.3	156			
70-IR4-J-100	100	5%	50	2.5	9.5	4.5	133			
70-IR4-J-110	110	5%	60	0.79	8.9	4.9	128			
70-IR4-J-220	220	5%	65	0.79	6.2	7.45	103			
70-IR4-J-1200	1200	5%	30	0.25	2	45.7	63			

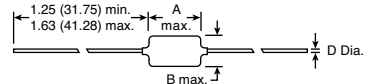
IRF SERIES EPOXY CONFORMAL COATED INDUCTORS

Specifications:

- Insulation Resistance: 1000MΩ min.
- Operating Temperature: -55°C to +105°C

Features:

- Flame retardant coating and color band identification
- Uniform coating is excellent for automatic insertion
- Superior electrical specifications: high Q and self resonant frequency, low DC resistance, high rated current
- Core: Ferrite



DIMENSIONS: in. (mm)				
Model	A	B	C	D
IRF-1	.260 (6.60)	.120 (3.05)	.330 (8.38)	.0200 (0.508)
IRF-3	.385 (9.78)	.180 (4.57)	.440 (11.18)	.0250 (0.635)

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	L (µH)	Tol. ±	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
								1	10	25
70-IRF1-1.0	1	10%	50	25	180	0.15	815			
70-IRF1-1.2	1.2	10%	50	7.9	165	0.18	740			
70-IRF1-1.5	1.5	10%	50	7.9	150	0.2	700			
70-IRF1-4.7	4.7	10%	50	7.9	75	0.35	530			
70-IRF1-5.6	5.6	10%	50	7.9	65	0.4	500			
70-IRF1-18	18	10%	50	2.5	30	1	315			
70-IRF1-100	100	10%	60	2.5	13	3.5	165			
70-IRF1-180	180	10%	60	0.79	4.35	5	140			
70-IRF3-22	0.22	10%	55	25	380	0.1	1400			
70-IRF3-1.0	1	10%	55	25	157	0.19	920			
70-IRF3-1.8	1.8	10%	55	7.9	121	0.25	790			
70-IRF3-2.2	2.2	10%	55	7.9	110	0.28	750			
70-IRF3-2.7	2.7	10%	60	7.9</						