Inductors, Commercial, Molded, Axial Leaded

ELECTRICAL SPECIFICATIONS

Inductance Tolerance: ± 1 %, ± 3 %, ± 5 %, ± 10 %, ± 20 %, other tolerances available on request

Insulation Resistance: 1000 MΩ minimum per MIL-STD-202, method 302, test condition B

Dielectric Strength: Per MIL-STD-202, method 301: 1000 V_{AC} for IM-2, IM-4, IM-6, IM-8, IM-9 and IM-10 200 V_{AC} for IM-1

TEST EQUIPMENT (1)

- H/P 4342A Q-meter
- Measurements corporation megacycle meter, model 59
- Wheatstone bridge

Note

(1) Test procedure per MIL-PRF-15305

MATERIAL SPECIFICATIONS

Encapsulant: Epoxy

Standard Terminals: IM-1 and IM-2: 24 AWG; IM-4, IM-6 and IM-9: 22 AWG; IM-8: 21 AWG; IM-10: 20 AWG, tinned copper

ENVIRONMENTAL PERFORMANCE		
TEST	**CONDITIONS**	**SPECIFICATIONS**
Barometric Pressure	C	MIL-STD-202, method 105
Thermal Shock	A-1	MIL-STD-202, method 107
Flammability	-	MIL-STD-202, method 111
Overload	-	MIL-PRF-15305
Low Temperature Storage	-	MIL-PRF-15305
Resistance to Soldering Heat	A	MIL-STD-202, method 210
Resistance to Solvents	-	MIL-STD-202, method 215

FEATURES

- Wide inductance range in small package
- Flame retardant coating
- Precision performance, excellent reliability, sturdy construction
- Epoxy molded construction provides superior moisture protection
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

Pb-free

RoHS COMPLIANT

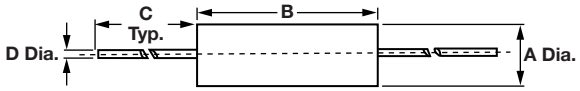
MECHANICAL SPECIFICATIONS

Terminal Strength: Per MIL-STD-202, method 211, test condition A: For IM-1, 3 lb pull; for IM-2, IM-4, IM-6, IM-8, IM-9 and IM-10, 5 lb pull and twist

Weight: IM-1 = 0.25 g maximum, IM-2 = 0.30 g maximum, IM-4 = 0.65 g maximum, IM-6 = 0.95 g maximum, IM-8 = 1.5 g maximum, IM-9 = 2.0 g maximum, IM-10 = 2.5 g maximum

INDUCTANCE RANGE AND MILITARY STANDARD		
MODEL	**INDUCTANCE RANGE (µH)**	
	MIN.	**MAX.**
IM-1	0.10	100
IM-2	0.027 0.10 1.2 33	0.082 1 27 1000
IM-4	0.15 5.6 36 270	4.7 33 240 1800
IM-6	0.10 3.3 33 270	2.7 27 220 1000
IM-8	1100	3600
IM-9	68	150
IM-10	3900	10 000

DIMENSIONS in inches [millimeters]



MODEL		A (DIA.)	B	C (TYP.)	D (DIA.)
IM-1	Max.	0.086 [2.18]	0.210 [5.33]	1.62 [41.15]	0.0215 [0.546]
	Min.	0.070 [1.78]	0.190 [4.83]	1.38 [35.05]	0.0185 [0.470]
IM-2	Max.	0.105 [2.67]	0.260 [6.60]	1.63 [41.40]	0.0215 [0.546]
	Min.	0.085 [2.16]	0.240 [6.10]	1.25 [31.75]	0.0185 [0.470]
IM-4	Max.	0.165 [4.19]	0.385 [9.78]	1.63 [41.40]	0.027 [0.686]
	Min.	0.145 [3.68]	0.365 [9.27]	1.25 [31.75]	0.023 [0.584]
IM-6	Max.	0.200 [5.08]	0.450 [11.43]	1.63 [41.40]	0.027 [0.686]
	Min.	0.180 [4.57]	0.430 [10.92]	1.25 [31.75]	0.023 [0.584]
IM-8	Max.	0.225 [5.72]	0.570 [14.48]	1.63 [41.40]	0.030 [0.762]
	Min.	0.205 [5.21]	0.550 [13.97]	1.25 [31.75]	0.026 [0.660]
IM-9	Max.	0.260 [6.60]	0.570 [14.48]	1.63 [41.40]	0.027 [0.686]
	Min.	0.240 [6.10]	0.550 [13.97]	1.25 [31.75]	0.023 [0.584]
IM-10	Max.	0.250 [6.35]	0.750 [19.05]	1.63 [41.40]	0.034 [0.864]
	Min.	0.230 [5.84]	0.730 [18.54]	1.25 [31.75]	0.030 [0.762]

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	IND. (µH)	TOL. (%)	Q MIN.	TEST FREQUENCY L AND Q (MHz)	SRF MIN. (MHz) (1)	DCR MAX. (Ω)	RATED DC CURRENT (mA) (2)	
IM-1	0.10	± 10	35	25.0	680.0	0.13	895	PHENOLIC CORE
IM-1	0.12	± 10	35	25.0	650.0	0.15	835	
IM-1	0.15	± 10	35	25.0	560.0	0.18	760	
IM-1	0.18	± 10	35	25.0	540.0	0.21	705	
IM-1	0.22	± 10	30	25.0	500.0	0.25	645	
IM-1	0.27	± 10	30	25.0	440.0	0.38	525	
IM-1	0.33	± 10	25	25.0	410.0	0.49	460	
IM-1	0.39	± 10	25	25.0	380.0	0.59	420	
IM-1	0.47	± 10	25	25.0	340.0	0.62	410	
IM-1	0.56	± 10	40	25.0	250.0	0.18	510	IRON CORE
IM-1	0.68	± 10	40	25.0	215.0	0.20	485	
IM-1	0.82	± 10	40	25.0	200.0	0.22	465	
IM-1	1.0	± 10	40	25.0	190.0	0.25	435	
IM-1	1.2	± 10	35	7.9	170.0	0.28	410	
IM-1	1.5	± 10	40	7.9	150.0	0.49	310	
IM-1	1.8	± 10	40	7.9	135.0	0.56	290	
IM-1	2.2	± 10	45	7.9	130.0	0.72	257	
IM-1	2.7	± 10	45	7.9	110.0	0.85	236	
IM-1	3.3	± 10	45	7.9	100.0	1.2	198	
IM-1	3.9	± 10	50	7.9	95.0	1.5	178	
IM-1	4.7	± 10	55	7.9	88.0	2.1	150	
IM-1	5.6	± 10	55	7.9	78.0	2.8	130	
IM-1	6.8	± 10	55	7.9	69.0	3.2	122	
IM-1	8.2	± 10	45	7.9	52.0	4.4	104	
IM-1	10.0	± 10	45	7.9	47.0	5.2	95	
IM-1	12.0	± 10	40	2.5	31.0	3.0	126	
IM-1	15.0	± 10	40	2.5	26.0	3.4	118	
IM-1	18.0	± 10	40	2.5	23.0	3.8	112	
IM-1	22.0	± 10	45	2.5	20.0	4.3	105	
IM-1	27.0	± 10	45	2.5	17.0	4.7	100	
IM-1	33.0	± 10	45	2.5	15.0	5.2	95	
IM-1	39.0	± 10	45	2.5	13.5	6.8	83.5	
IM-1	47.0	± 10	45	2.5	12.5	8.2	76	
IM-1	56.0	± 10	45	2.5	11.5	10.0	69	
IM-1	68.0	± 10	45	2.5	10.5	11.5	64	
IM-1	82.0	± 10	45	2.5	10.0	16.0	54.5	
IM-1	100.0	± 10	45	2.5	9.5	17.5	52	
IM-2	0.027	± 20	40	25.0	875.0	0.03	2200	PHENOLIC CORE
IM-2	0.033	± 10	40	25.0	850.0	0.035	2000	
IM-2	0.039	± 10	40	25.0	825.0	0.04	1900	
IM-2	0.047	± 10	40	25.0	800.0	0.045	1800	
IM-2	0.056	± 10	40	25.0	775.0	0.05	1700	
IM-2	0.068	± 10	40	25.0	750.0	0.06	1500	
IM-2	0.082	± 10	40	25.0	725.0	0.07	1400	
IM-2	0.10	± 10	40	25.0	680.0	0.08	1350	
IM-2	0.12	± 10	40	25.0	640.0	0.09	1270	
IM-2	0.15	± 10	38	25.0	600.0	0.10	1200	
IM-2	0.18	± 10	35	25.0	550.0	0.12	1105	
IM-2	0.22	± 10	33	25.0	510.0	0.14	1025	
IM-2	0.27	± 10	33	25.0	430.0	0.16	960	
IM-2	0.33	± 10	30	25.0	410.0	0.22	815	
IM-2	0.39	± 10	30	25.0	365.0	0.30	700	
IM-2	0.47	± 10	30	25.0	330.0	0.35	650	
IM-2	0.56	± 10	30	25.0	300.0	0.50	545	
IM-2	0.68	± 10	28	25.0	275.0	0.60	495	
IM-2	0.82	± 10	28	25.0	250.0	0.85	415	
IM-2	1.0	± 10	25	25.0	230.0	1.0	385	

Notes

(1) Measured with full length lead

(2) Rated DC current based on maximum temperature rise as shown in table

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	IND. (µH)	TOL. (%)	Q MIN.	TEST FREQUENCY L AND Q (MHz)	SRF MIN. (MHz) (1)	DCR MAX. (Ω)	RATED DC CURRENT (mA) (2)	
IM-2	1.2	± 10	25	7.9	150.0	0.18	590	IRON CORE
IM-2	1.5	± 10	28	7.9	140.0	0.22	535	
IM-2	1.8	± 10	30	7.9	125.0	0.30	455	
IM-2	2.2	± 10	30	7.9	115.0	0.40	395	
IM-2	2.7	± 10	37	7.9	100.0	0.55	355	
IM-2	3.3	± 10	45	7.9	90.0	0.85	270	
IM-2	3.9	± 10	45	7.9	80.0	1.0	250	
IM-2	4.7	± 10	45	7.9	75.0	1.2	230	
IM-2	5.6	± 10	50	7.9	65.0	1.8	185	
IM-2	6.8	± 10	50	7.9	60.0	2.0	175	
IM-2	8.2	± 10	55	7.9	55.0	2.7	155	
IM-2	10.0	± 10	55	7.9	50.0	3.7	130	
IM-2	12.0	± 10	45	2.5	40.0	2.7	155	
IM-2	15.0	± 10	40	2.5	35.0	2.8	150	
IM-2	18.0	± 10	50	2.5	30.0	3.1	145	
IM-2	22.0	± 10	50	2.5	25.0	3.3	140	
IM-2	27.0	± 10	50	2.5	20.0	3.5	135	
IM-2	33.0	± 10	45	2.5	24.0	3.4	130	FERRITE CORE
IM-2	39.0	± 10	45	2.5	22.0	3.6	125	
IM-2	47.0	± 10	45	2.5	20.0	4.5	110	
IM-2	56.0	± 10	45	2.5	18.0	5.7	100	
IM-2	68.0	± 10	50	2.5	15.0	6.7	92	
IM-2	82.0	± 10	50	2.5	14.0	7.3	88	
IM-2	100.0	± 10	50	2.5	13.0	8	84	
IM-2	120.0	± 10	30	0.79	12.0	13	66	
IM-2	150.0	± 10	30	0.79	11.0	15	61	
IM-2	180.0	± 10	30	0.79	10.0	17	57	
IM-2	220.0	± 10	30	0.79	9.0	21	52	
IM-2	270.0	± 10	30	0.79	8.0	25	47	
IM-2	330.0	± 10	30	0.79	7.0	28	45	
IM-2	390.0	± 10	30	0.79	6.5	35	40	
IM-2	470.0	± 10	30	0.79	6.0	42	36	
IM-2	560.0	± 10	30	0.79	5.0	46	35	
IM-2	680.0	± 10	30	0.79	4.0	60	30	
IM-2	820.0	± 10	30	0.79	3.8	65	29	
IM-2	1000.0	± 10	30	0.79	3.4	72	28	
IM-4	0.15	± 20	50	25	525.0	0.03	2450	PHENOLIC CORE
IM-4	0.22	± 20	50	25	450.0	0.055	1810	
IM-4	0.33	± 20	45	25	360.0	0.09	1400	
IM-4	0.47	± 20	45	25	310.0	0.12	1225	
IM-4	0.56	± 10	50	25	280.0	0.135	1150	
IM-4	0.68	± 10	50	25	250.0	0.15	1100	
IM-4	0.82	± 10	50	25	220.0	0.22	900	
IM-4	1.0	± 10	50	25	200.0	0.29	785	
IM-4	1.2	± 10	33	7.9	180.0	0.42	650	
IM-4	1.5	± 10	33	7.9	160.0	0.50	600	
IM-4	1.8	± 10	33	7.9	150.0	0.65	525	
IM-4	2.2	± 10	33	7.9	135.0	0.95	435	
IM-4	2.7	± 10	33	7.9	120.0	1.20	385	
IM-4	3.3	± 10	33	7.9	110.0	2.0	300	
IM-4	3.9	± 10	33	7.9	100.0	2.30	280	
IM-4	4.7	± 10	33	7.9	90.0	2.60	260	
IM-4	5.6	± 10	45	7.9	60.0	0.32	495	IRON CORE
IM-4	6.8	± 10	50	7.9	55.0	0.50	395	
IM-4	8.2	± 10	50	7.9	50.0	0.60	360	
IM-4	10.0	± 10	55	7.9	45.0	0.90	290	
IM-4	12.0	± 10	65	2.5	42.0	1.10	265	
IM-4	15.0	± 10	65	2.5	40.0	1.40	240	

Notes

(1) Measured with full length lead

(2) Rated DC current based on maximum temperature rise as shown in table

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	IND. (µH)	TOL. (%)	Q MIN.	TEST FREQUENCY L AND Q (MHz)	SRF MIN. (MHz) (1)	DCR MAX. (Ω)	RATED DC CURRENT (mA) (2)	
IM-4	18.0	± 10	75	2.5	34.0	2.25	185	IRON CORE
IM-4	22.0	± 10	75	2.5	30.0	2.50	175	
IM-4	27.0	± 10	60	2.5	25.0	2.60	170	
IM-4	33.0	± 10	65	2.5	19.0	3.0	165	
IM-4	36.0	± 5	60	2.5	15.5	2.50	180	
IM-4	39.0	± 5	60	2.5	14.5	2.60	176	
IM-4	43.0	± 5	60	2.5	13.7	2.70	172	
IM-4	47.0	± 5	55	2.5	13.0	2.75	170	
IM-4	51.0	± 5	55	2.5	12.7	2.85	167	
IM-4	56.0	± 5	55	2.5	12.0	3.00	164	
IM-4	62.0	± 5	55	2.5	11.5	3.15	160	
IM-4	68.0	± 5	55	2.5	11.0	3.30	156	
IM-4	75.0	± 5	55	2.5	10.5	3.70	147	
IM-4	82.0	± 5	50	2.5	10.3	3.90	143	
IM-4	91.0	± 5	50	2.5	10.0	4.30	136	
IM-4	100.0	± 5	50	2.5	9.5	4.50	133	
IM-4	110.0	± 5	60	0.79	8.9	4.90	128	
IM-4	120.0	± 5	65	0.79	8.7	5.20	124	
IM-4	130.0	± 5	65	0.79	8.5	5.45	121	
IM-4	150.0	± 5	65	0.79	8.0	6.05	114	
IM-4	160.0	± 5	65	0.79	7.5	6.40	111	
IM-4	180.0	± 5	65	0.79	7.0	6.75	108	
IM-4	200.0	± 5	65	0.79	6.5	7.10	106	
IM-4	220.0	± 5	65	0.79	6.2	7.45	103	
IM-4	240.0	± 5	65	0.79	5.9	7.80	101	
IM-4	270.0	± 5	65	0.79	5.7	11.0	129	
IM-4	300.0	± 5	65	0.79	5.4	11.5	125	
IM-4	330.0	± 5	65	0.79	5.1	12.0	123	
IM-4	360.0	± 5	65	0.79	4.8	15.5	108	
IM-4	390.0	± 5	65	0.79	4.5	16.3	105	
IM-4	430.0	± 5	65	0.79	4.2	17.1	102	
IM-4	470.0	± 5	65	0.79	3.9	17.9	100	
IM-4	510.0	± 5	65	0.79	3.7	18.8	98	
IM-4	560.0	± 5	65	0.79	3.5	24.7	85	
IM-4	620.0	± 5	65	0.79	3.3	25.9	83	
IM-4	680.0	± 5	55	0.79	3.1	27.2	81	
IM-4	750.0	± 5	55	0.79	2.9	28.6	79	
IM-4	820.0	± 5	55	0.79	2.7	30.0	77	
IM-4	910.0	± 5	55	0.79	2.5	31.5	76	
IM-4	1000.0	± 5	55	0.79	2.3	33.1	74	
IM-4	1100.0	± 5	30	0.25	2.1	43.5	64	
IM-4	1200.0	± 5	30	0.25	2.0	45.7	63	
IM-4	1300.0	± 5	30	0.25	1.9	49.0	61	
IM-4	1500.0	± 5	30	0.25	1.8	52.5	59	
IM-4	1600.0	± 5	30	0.25	1.7	54.0	58	
IM-4	1800.0	± 5	30	0.25	1.6	56.7	56	
IM-6	0.10	± 20	55	25.0	510.0	0.020	3600	PHENOLIC CORE
IM-6	0.12	± 20	55	25.0	510.0	0.025	3300	
IM-6	0.15	± 20	55	25.0	510.0	0.030	3000	
IM-6	0.18	± 20	55	25.0	450.0	0.030	2900	
IM-6	0.22	± 20	50	25.0	415.0	0.035	2800	
IM-6	0.27	± 20	50	25.0	380.0	0.050	2400	
IM-6	0.33	± 20	50	25.0	350.0	0.065	2000	
IM-6	0.39	± 20	50	25.0	320.0	0.080	1800	
IM-6	0.47	± 20	50	25.0	300.0	0.085	1700	
IM-6	0.56	± 10	50	25.0	270.0	0.125	1450	

Notes
(1) Measured with full length lead
(2) Rated DC current based on maximum temperature rise as shown in table

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	IND. (µH)	TOL. (%)	Q MIN.	TEST FREQUENCY L AND Q (MHz)	SRF MIN. (MHz) (1)	DCR MAX. (Ω)	RATED DC CURRENT (mA) (2)	
IM-6	0.68	± 10	45	25.0	250.0	0.150	1300	PHENOLIC CORE
IM-6	0.82	± 10	40	25.0	210.0	0.205	1100	
IM-6	1.0	± 10	40	25.0	200.0	0.290	930	
IM-6	1.2	± 10	30	7.9	180.0	0.400	785	
IM-6	1.5	± 10	30	7.9	170.0	0.485	700	
IM-6	1.8	± 10	30	7.9	150.0	0.740	580	
IM-6	2.2	± 10	30	7.9	140.0	0.970	505	
IM-6	2.7	± 10	30	7.9	120.0	1.20	460	
IM-6	3.3	± 10	30	7.9	70.0	0.140	990	IRON CORE
IM-6	3.9	± 10	30	7.9	65.0	0.155	870	
IM-6	4.7	± 10	30	7.9	60.0	0.210	745	
IM-6	5.6	± 10	30	7.9	50.0	0.280	645	
IM-6	6.8	± 10	30	7.9	50.0	0.375	560	
IM-6	8.2	± 10	30	7.9	48.0	0.440	540	
IM-6	10.0	± 10	30	7.9	42.0	0.605	440	
IM-6	12.0	± 10	50	2.5	36.0	1.05	370	
IM-6	15.0	± 10	55	2.5	30.0	1.20	310	
IM-6	18.0	± 10	60	2.5	30.0	1.95	255	
IM-6	22.0	± 10	60	2.5	24.0	2.20	240	
IM-6	27.0	± 10	65	2.5	22.0	2.75	205	
IM-6	33.0	± 10	75	2.5	20.0	3.5	185	
IM-6	39.0	± 10	75	2.5	18.0	3.8	176	
IM-6	47.0	± 10	75	2.5	16.0	4.0	170	
IM-6	56.0	± 10	75	2.5	15.0	4.4	164	
IM-6	68.0	± 10	75	2.5	12.0	4.7	156	
IM-6	82.0	± 10	75	2.5	10.0	5.3	143	
IM-6	100.0	± 10	65	2.5	8.0	6.0	133	
IM-6	120.0	± 10	65	0.79	6.0	5.0	124	
IM-6	150.0	± 10	65	0.79	5.4	5.8	118	
IM-6	180.0	± 10	65	0.79	5.0	6.6	114	
IM-6	220.0	± 10	65	0.79	4.7	7.4	112	
IM-6	270.0	± 5	65	0.79	5.6	8.2	110	
IM-6	300.0	± 5	65	0.79	5.3	8.7	107	
IM-6	330.0	± 5	65	0.79	5.0	9.1	105	
IM-6	360.0	± 5	65	0.79	4.7	9.6	102	
IM-6	390.0	± 5	65	0.79	4.5	10.0	100	
IM-6	430.0	± 5	65	0.79	4.3	10.6	97	
IM-6	470.0	± 5	65	0.79	4.0	11.1	95	
IM-6	510.0	± 5	65	0.79	3.8	11.6	93	
IM-6	560.0	± 5	65	0.79	3.6	12.3	91	
IM-6	620.0	± 5	60	0.79	3.5	13.0	88	
IM-6	680.0	± 5	60	0.79	3.4	13.7	85	
IM-6	750.0	± 5	60	0.79	3.3	14.4	83	
IM-6	820.0	± 5	60	0.79	3.1	15.1	81	
IM-6	910.0	± 5	60	0.79	2.9	15.8	79	
IM-6	1000.0	± 5	60	0.79	2.8	16.5	78	
IM-8	1100.0	± 5	60	0.25	2.8	21	78	IRON CORE
IM-8	1200.0	± 5	60	0.25	2.7	22	76	
IM-8	1300.0	± 5	60	0.25	2.6	23	75	
IM-8	1500.0	± 5	65	0.25	2.4	25	72	
IM-8	1600.0	± 5	65	0.25	2.3	26	70	
IM-8	1800.0	± 5	65	0.25	2.2	28	68	
IM-8	2000.0	± 5	65	0.25	2.1	29	67	

Notes

(1) Measured with full length lead

(2) Rated DC current based on maximum temperature rise as shown in table

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	IND. (µH)	TOL. (%)	Q MIN.	TEST FREQUENCY L AND Q (MHz)	SRF MIN. (MHz) (1)	DCR MAX. (Ω)	RATED DC CURRENT (mA) (2)	
IM-8	2200.0	± 5	70	0.25	2.0	30	66	IRON CORE
IM-8	2400.0	± 5	70	0.25	1.9	31	64	
IM-8	2700.0	± 5	70	0.25	1.8	33	62	
IM-8	3000.0	± 5	70	0.25	1.7	35	61	
IM-8	3300.0	± 5	70	0.25	1.6	38	58	
IM-8	3600.0	± 5	70	0.25	1.5	40	57	
IM-9	68.0	± 10	70	2.5	13.0	3.3	168	IRON CORE
IM-9	82.0	± 10	65	2.5	11.7	3.5	162	
IM-9	100.0	± 10	65	2.5	10.7	3.8	155	
IM-9	120.0	± 10	75	0.79	9.3	4.7	142	
IM-9	150.0	± 10	75	0.79	8.3	5.3	132	
IM-10	3900.0	± 5	80	0.25	1.45	44	61	IRON CORE
IM-10	4300.0	± 5	80	0.25	1.40	46	59	
IM-10	4700.0	± 5	80	0.25	1.35	48	58	
IM-10	5000.0	± 5	80	0.25	1.30	50	57	
IM-10	5600.0	± 5	80	0.25	1.25	53	56	
IM-10	6200.0	± 5	80	0.25	1.20	56	54	
IM-10	6800.0	± 5	80	0.25	1.15	59	52	
IM-10	7500.0	± 5	80	0.25	1.10	62	51	
IM-10	8200.0	± 5	80	0.25	1.05	65	50	
IM-10	9100.0	± 5	80	0.25	1.00	68	49	
IM-10	10 000.0	± 5	80	0.25	0.95	72	47	

Notes
(1) Measured with full length lead
(2) Rated DC current based on maximum temperature rise as shown in table

MAXIMUM TEMPERATURE RISE

		OPERATING TEMPERATURE RANGE
IM-1	0.10 µH to .47 µH = 35 °C at +90 °C ambient	-55 °C to +125 °C
	0.56 µH to 1000 µH = 15 °C at +90 °C ambient	-55 °C to +105 °C
IM-2	0.027 µH to 1.0 µH = 35 °C at +90 °C ambient	-55 °C to +125 °C
	1.2 µH to 27 µH = 15 °C at +90 °C ambient	-55 °C to +105 °C
	33 µH to 1000 µH = 15 °C at +90 °C ambient	-55 °C to +105 °C
IM-4	0.15 µH to 4.7 µH = 35 °C at +90 °C ambient	-55 °C to +125 °C
	5.6 µH to 33 µH = 15 °C at +90 °C ambient	-55 °C to +105 °C
	36 µH to 240 µH = 15 °C at +90 °C ambient	-55 °C to +105 °C
	270 µH to 1800 µH = 35 °C at +90 °C ambient	-55 °C to +125 °C
IM-6	0.1 µH to 2.7 µH = 35 °C at +90 °C ambient	-55 °C to +125 °C
	3.3 µH to 1000 µH = 15 °C at +90 °C ambient	-55 °C to +105 °C
IM-8, IM-9, IM-10	= 15 °C at +90 °C ambient	-55 °C to +105 °C

ORDERING INFORMATION

IM-2	10 µH	± 10 %	ER	e2
MODEL	INDUCTANCE VALUE	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC® LEAD (Pb)-FREE STANDARD

GLOBAL PART NUMBER

I	M	0	2	E	R	1	0	0	K
MODEL				PACKAGE CODE		INDUCTANCE VALUE			INDUCTANCE TOLERANCE

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