



Series	Inductance	Style	Grade/ Class	Max. oper. temp.	Max. temp. rise	Ambient temp.	Dielectric withstanding voltage (sea level)	Dielectric (reduced pressure)	Terminal pull	Altitude	Coupling max.	Weight
Q	0.10–10,000 µH	LT10	1/A	105°C	15°C	90°C	1000VRMS	200VRMS	5 lbs.	70,000 ft.	3%	0.750 g or less

STOCK PART NUMBERS

Part number	MS part designation	Inductance (µH) ±10%	Q min.	Test frequency (L & Q, MHz)	SRF min. (MHz)	DCR max. (Ω)	Rated DC current (mA)	Part number	MS part designation	Inductance (µH) ±10%	Q min.	Test frequency (L & Q, MHz)	SRF min. (MHz)	DCR max. (Ω)	Rated DC current (mA)	Part number	MS part designation	Inductance (µH) ±10%	Q min.	Test frequency (L & Q, MHz)	SRF min. (MHz)	DCR max. (Ω)	Rated DC current (mA)
MS75087								MS75088								MS75089							
QS100K	-1	0.10	50	25	250	0.025	1790	QS471K	-9	4.70	44	7.9	70	0.55	380	QS223K	-15	220.0	55	0.79	7.5	5.00	125
QS120K	-2	0.12	51	25	250	0.034	1530	QS561K	-10	5.60	44	7.9	65	0.72	335	QS273K	-16	270.0	55	0.79	7.0	5.80	115
QS150K	-3	0.15	51	25	250	0.037	1470	QS681K	-11	6.80	50	7.9	55	1.02	280	QS333K	-17	330.0	55	0.79	6.5	6.40	110
QS180K	-4	0.18	50	25	250	0.047	1300	QS821K	-12	8.20	50	7.9	50	1.32	250	QS393K	-18	390.0	60	0.79	6.2	7.40	105
QS220K	-5	0.22	49	25	250	0.067	1100	QS102K	-13	10.0	50	7.9	46	1.62	220	QS473K	-19	470.0	60	0.79	5.7	9.50	92
QS270K	-6	0.27	47	25	250	0.11	855	QS122K	-14	12.0	55	2.5	44	2.00	200	QS563K	-20	560.0	60	0.79	4.7	10.5	90
QS330K	-7	0.33	46	25	250	0.13	780	MS75089								QS683K	-21	680.0	60	0.79	4.5	11.8	80
QS390K	-8	0.39	44	25	250	0.18	670	QS152K	-1	15.0	45	2.5	49	0.80	315	QS823K	-22	820.0	60	0.79	4.2	13.0	80
QS470K	-9	0.47	44	25	235	0.25	565	QS182K	-2	18.0	45	2.5	45	0.89	300	QS104K	-23	1000	60	0.79	3.8	17.5	70
QS560K	-10	0.56	43	25	210	0.33	490	QS222K	-3	22.0	45	2.5	41	0.96	290	QS124K	-24	1200	45	0.25	1.5	22.1	60
QS680K	-11	0.68	42	25	190	0.45	420	QS272K	-4	27.0	45	2.5	38	1.19	260	QS154K	-25	1500	45	0.25	1.2	26.5	55
QS820K	-12	0.82	40	25	180	0.59	370	QS332K	-5	33.0	45	2.5	34	1.37	240	QS184K	-26	1800	45	0.25	1.0	29.9	50
MS75088								QS392K	-6	39.0	50	2.5	29	1.93	205	QS224K	-27	2200	45	0.25	0.97	33.8	50
QS101K	-1	1.00	44	25	140	0.07	1070	QS472K	-7	47.0	50	2.5	27	2.11	195	QS274K	-28	2700	45	0.25	0.92	47.3	40
QS121K	-2	1.20	44	7.9	130	0.10	895	QS562K	-8	56.0	50	2.5	25	2.23	190	QS334K	-29	3300	45	0.25	0.84	53.0	40
QS151K	-3	1.50	44	7.9	115	0.12	815	QS682K	-9	68.0	50	2.5	21	2.70	170	QS394K	-30	3900	45	0.25	0.80	73.8	35
QS181K	-4	1.80	44	7.9	105	0.14	775	QS822K	-10	82.0	50	2.5	10.5	2.44	180	QS474K	-31	4700	45	0.25	0.74	81.6	31
QS221K	-5	2.20	44	7.9	100	0.19	650	QS103K	-11	100.0	50	2.5	10.0	3.12	160	QS564K	-32	5600	44	0.25	0.73	98.9	28
QS271K	-6	2.70	44	7.9	92	0.28	535	QS123K	-12	120.0	55	0.79	9.7	3.60	150	QS684K	-33	6800	40	0.25	0.66	111.0	27
QS331K	-7	3.30	44	7.9	85	0.35	480	QS153K	-13	150.0	55	0.79	8.5	4.10	140	QS824K	-34	8200	40	0.25	0.54	119.0	26
QS391K	-8	3.90	44	7.9	75	0.40	450	QS183K	-14	180.0	55	0.79	8.0	4.40	135	QS105K	-35	10000	40	0.25	0.47	137.0	24