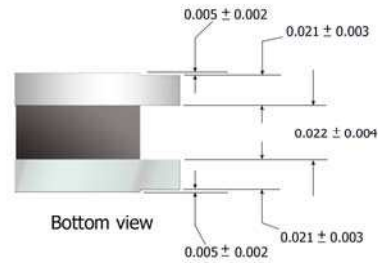
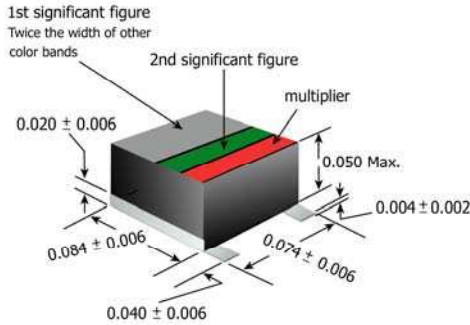


6500 Series

Fixed Chip Inductors

M83446/6 (-49 to -126)



FEATURES

- Military QPL Approved.
- Pick-and-place compatible.

SPECIFICATIONS

- Operating temperature range: -55°C to +125°C
- Weight: 0.5 gram maximum.
- Inductance requirement: Tighter tolerances and other inductance values on request.
- Termination finish:
 - A: Gold.
 - F: Tin-lead.
 Solderability per MIL-STD-202, Method 208.
- Space Application: Available to MIL-STD-981.
- Outgassing: TML < 1%.

With tabs		Without tabs		Inductance ± 10% (μH)	Q Min	Q Typ	Test Freq (MHz)	SRF (min) (MHz)	DCR (max) Ohms)	Current (max) (mA)
Mil Spec Dash number	C/ACM P/N	Mil Spec Dash number	C/ACM P/N							
M83446/06-49	6549	M83447/06-88	6588	0.005	32	40	200	1900	0.10	750
M83446/06-50	6550	M83446/06-89	6589	0.008	32	40	200	1800	0.10	750
M83446/06-51	6551	M83446/06-90	6590	0.010	32	40	150	1700	0.10	750
M83446/06-52	6552	M83446/06-91	6591	0.012	32	40	150	1500	0.10	750
M83446/06-53	6553	M83446/06-92	6592	0.015	29	37	150	1300	0.10	750
M83446/06-54	6554	M83446/06-93	6593	0.018	29	37	100	1100	0.10	750
M83446/06-55	6555	M83446/06-94	6594	0.022	35	43	100	900	0.10	750
M83446/06-56	6556	M83446/06-95	6595	0.027	34	42	100	900	0.10	750
M83446/06-57	6557	M83446/06-96	6596	0.033	23	41	100	800	0.10	600
M83446/06-58	6558	M83446/06-97	6597	0.039	32	41	100	750	0.10	500
M83446/06-59	6559	M83446/06-98	6598	0.047	32	41	100	750	0.10	500
M83446/06-60	6560	M83446/06-99	6599	0.056	32	41	100	700	0.10	450
M83446/06-61	6561	M83446/06-100	6600	0.068	32	41	100	700	0.12	400
M83446/06-62	6562	M83446/06-101	6601	0.082	32	40	100	700	0.13	350
M83446/06-63	6563	M83446/06-102	6602	0.10	32	40	50	600	0.14	350
M83446/06-64	6564	M83446/06-103	6603	0.12	32	40	50	500	0.17	350
M83446/06-65	6565	M83446/06-104	6604	0.15	32	40	50	500	0.18	350
M83446/06-66	6566	M83446/06-105	6605	0.18	32	40	50	450	0.25	300
M83446/06-67	6567	M83446/06-106	6606	0.22	32	40	50	400	0.30	300
M83446/06-68	6568	M83446/06-107	6607	0.27	30	39	50	330	0.40	300
M83446/06-69	6569	M83446/06-108	6608	0.33	30	39	50	270	0.50	300
M83446/06-70	6570	M83446/06-109	6609	0.39	24	31	50	250	0.90	250
M83446/06-71	6571	M83446/06-110	6610	0.47	24	31	25	200	0.90	250
M83446/06-72	6572	M83446/06-111	6611	0.56	24	31	25	180	1.10	250
M83446/06-73	6573	M83447/06-112	6612	0.68	24	31	25	150	1.20	250
M83446/06-74	6574	M83447/06-113	6613	0.82	24	31	25	130	1.40	250
M83446/06-75	6575	M83447/06-114	6614	1.0	24	31	25	110	1.40	250
M83446/06-76	6576	M83447/06-115	6615	1.2	21	28	7.9	110	1.50	200
M83446/06-77	6577	M83447/06-116	6616	1.5	21	28	7.9	110	1.50	200
M83446/06-78	6578	M83447/06-117	6617	1.8	21	28	7.9	100	1.50	200
M83446/06-79	6579	M83447/06-118	6618	2.2	21	28	7.9	90	1.60	150
M83446/06-80	6580	M83447/06-119	6619	2.7	21	28	7.9	80	1.60	150
M83446/06-81	6581	M83447/06-120	6620	3.3	21	28	7.9	75	1.60	150
M83446/06-82	6582	M83447/06-121	6621	3.9	21	28	7.9	70	2.90	100
M83446/06-83	6583	M83447/06-122	6622	4.7	21	28	7.9	63	2.90	100
M83446/06-84	6584	M83447/06-123	6623	5.6	21	28	7.9	60	3.00	100
M83446/06-85	6585	M83447/06-124	6624	6.8	21	28	7.9	50	3.75	100
M83446/06-86	6586	M83447/06-125	6625	8.2	21	28	7.9	40	4.50	100
M83446/06-87	6587	M83447/06-126	6626	10.0	21	28	7.9	30	5.60	100

Ordering note: Add suffix "A" to C/ACM Part No. to specify Gold Plated terminations, "F" for Tin-Lead coated terminations.



COAST / ADVANCED CHIP MAGNETICS

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