



MLRF0805



Ceramic Wirewound, Open Construction, MIL-PRF-83446

M83446/37 Ceramic Core

Outgassing Tested per ASTM E-595 (*)

PART NUMBER	MIL DASH NUMBER	L nH	L TEST FREQ	Q MIN	Q TEST FREQ	SRF MHZ MIN	DCR OHMS MAX	CURRENT RATING mA DC MAX
MIL-PRF-83446/37 CERAMIC CORE								
MLRF0805-0022K	01AK	2.2	250	55	1800	6000	0.080	1000
MLRF0805-0027K	02AK	2.7	250	55	1800	6000	0.080	1000
MLRF0805-0033K	03AK	3.3	250	50	1500	6000	0.080	1000
MLRF0805-0047K	04AK	4.7	250	60	1500	5000	0.080	1000
MLRF0805-0056*1	05A*	5.6	250	60	1500	5000	0.090	1000
MLRF0805-0068*1	06A*	6.8	250	60	1500	4600	0.110	1000
MLRF0805-0082*1	07A*	8.2	250	55	1500	4600	0.120	970
MLRF0805-010*1	08A*	10	250	60	1500	4500	0.130	930
MLRF0805-012*2	09A*	12	250	65	500	4000	0.150	870
MLRF0805-015*2	10A*	15	250	50	500	2800	0.170	810
MLRF0805-018*2	11A*	18	250	50	500	2600	0.200	750
MLRF0805-022*2	12A*	22	250	55	500	2300	0.220	720
MLRF0805-027*2	13A*	27	250	55	500	2300	0.250	670
MLRF0805-033*2	14A*	33	250	60	500	2000	0.270	650
MLRF0805-039*2	15A*	39	250	60	500	2000	0.290	625
MLRF0805-047*2	16A*	47	250	60	500	1900	0.310	600
MLRF0805-056*2	17A*	56	250	50	500	1600	0.340	570
MLRF0805-068*2	18A*	68	250	50	500	1500	0.380	540
MLRF0805-082*2	19A*	82	150	55	500	1330	0.420	520
MLRF0805-100*2	20A*	100	150	55	500	1250	0.460	490
MLRF0805-120*2	21A*	120	150	45	250	1100	0.510	470
MLRF0805-150*2	22A*	150	100	45	250	920	0.700	400
MLRF0805-180*2	23A*	180	100	45	250	920	0.800	370
MLRF0805-220*2	24A*	220	100	45	250	820	1.2	300
MLRF0805-270*2	25A*	270	100	40	200	730	1.2	300
MLRF0805-330*2	26A*	330	100	40	200	750	1.8	250
MLRF0805-390*2	27A*	390	100	40	200	700	2.0	230
MLRF0805-470*2	28A*	470	100	40	200	600	3.0	210
MLRF0805-560*2	29A*	560	100	40	200	500	3.5	180
MLRF0805-680*2	30A*	680	50	40	200	450	4.0	170
MLRF0805-820*2	31A*	820	25	15	25	250	2.5	210
MLRF0805-101*2	32A*	1000	25	15	25	250	3.0	195
MLRF0805-181*2	33A*	1800	7.9	15	7.9	50	4.5	150
MLRF0805-221*2	34A*	2200	7.9	15	7.9	40	5.0	140

*1 Suffix "J" for 5% tolerance or "K" for 10% tolerance

*2 Suffix "G" for 2% tolerance, Suffix "J" for 5% tolerance, or "K" for 10% tolerance

NOTES:

- Operating Temperature Range: -55°C to +125°C
- Current Rating is based on a 35°C rise at an ambient temperature of 90°C
- DWV 200 Vrms @ Sea Level
80 Vrms @ 70,000 Feet
- Weight maximum 0.008 grams (0.000881 ounces)
- Termination is Gold, code "A" finish
- *Meets a TML (Total Mass Loss) requirement of 1.0% maximum when tested in accordance with ASTM E-595

Example of ordering by Military number for MLRF0805-047K: M83446/37-14AK

TAPE AND REEL SPECS:

Pcs./Reel maximum:	2500
Pitch between parts:	4 mm
Tape width:	8 mm
Reel diameter:	7 in.

