



## MLRF0603



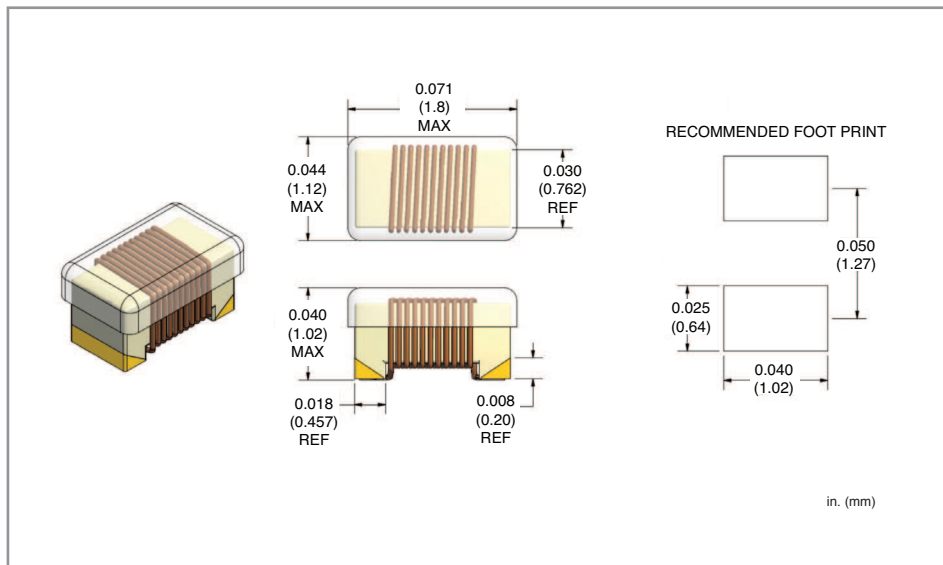
Ceramic Wirewound, Open Construction, MIL-PRF-83446

M83446/36 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-83446/36 CERAMIC CORE								
MLRF0603-0018K	01A*	1.8	250	22	250	6000	0.070	1000
MLRF0603-0033*	24A*	3.3	250	22	250	6000	0.070	1000
MLRF0603-0036*	02A*	3.6	250	22	250	6000	0.070	1000
MLRF0603-0039*	03A*	3.9	250	22	250	6000	0.070	1000
MLRF0603-0043*	25A*	4.3	250	22	250	6000	0.090	885
MLRF0603-0047*	04A*	4.7	250	22	250	6000	0.090	885
MLRF0603-0056*	26A*	5.6	250	22	250	5800	0.100	840
MLRF0603-0068*	05A*	6.8	250	30	250	5800	0.100	840
MLRF0603-0087*	27A*	8.7	250	30	250	5200	0.140	705
MLRF0603-010*	06A*	10	250	31	250	4800	0.160	665
MLRF0603-012*	07A*	12	250	35	250	4000	0.130	735
MLRF0603-015*	08A*	15	250	35	250	4000	0.170	645
MLRF0603-016*	28A*	16	250	35	250	3400	0.170	645
MLRF0603-018*	09A*	18	250	35	250	3100	0.170	645
MLRF0603-022*	10A*	22	250	38	250	3000	0.190	610
MLRF0603-027*	11A*	27	250	40	250	2800	0.220	565
MLRF0603-033*	12A*	33	250	40	250	2300	0.220	565
MLRF0603-039*	13A*	39	250	40	250	2200	0.240	540
MLRF0603-047*	14A*	47	200	38	200	2000	0.280	500
MLRF0603-056*	15A*	56	200	38	200	1900	0.310	475
MLRF0603-068*	16A*	68	200	37	200	1700	0.360	440
MLRF0603-082*	17A*	82	150	34	150	1700	0.540	360
MLRF0603-100*	18A*	100	150	34	150	1400	0.750	305
MLRF0603-120*	19A*	120	150	32	150	1300	0.790	300
MLRF0603-150*	20A*	150	150	28	150	990	1.14	245
MLRF0603-180*	21A*	180	150	25	150	990	1.28	235
MLRF0603-220*	22A*	220	150	25	150	700	1.70	200
MLRF0603-270*	23A*	270	25	16	25	600	1.78	195

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



### NOTES:

- Operating Temperature Range: -55°C to +125°C
- Current Rating is based on a 35°C temperature rise at an ambient temperature of 90°C
- DWV 200 Vrms @ Sea Level  
80 Vrms @ 70,000 Feet
- Weight maximum 0.008 grams (0.000282 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 MLRF0603-047K: M83446/36-14AK

### TAPE AND REEL SPECS:

Pcs./Reel maximum:	3000
Pitch between parts:	4 mm
Tape width:	8 mm
Reel diameter:	7 in.