MLP1812

TRADITIONAL Pb

Wirewound, Molded, Level T Qualified, MIL-PRF-27

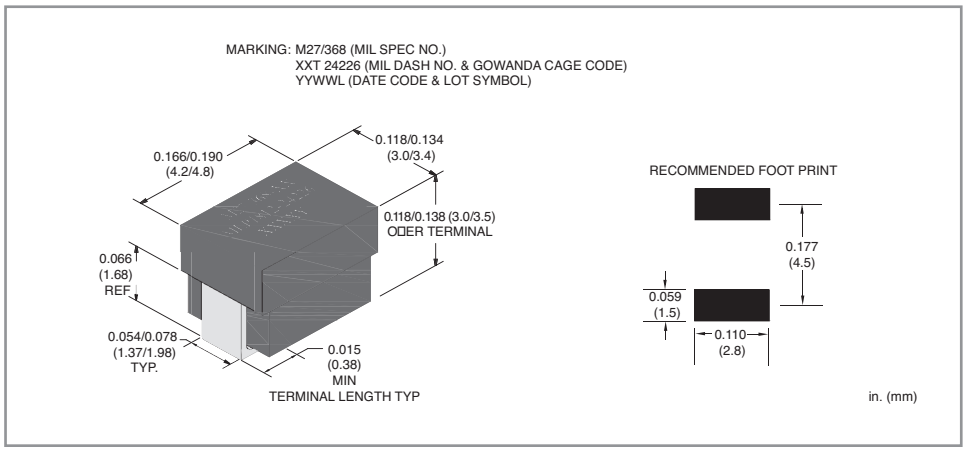
M27/368 Ferrite Core

Outgassing Tested per ASTM E-595 (*)

PART NUMBER	MIL DASH NUMBER	L µH @1 kHz *	DCR OHMS MAX	CURRENT RATING A DC	INC I A DC
		FERRITE CORE			
MLP1812-101KT	01T	1.0	0.113	1.050	2.400
MLP1812-121KT	02T	1.2	0.199	1.000	2.158
MLP1812-151KT	03T	1.5	0.222	0.950	1.980
MLP1812-181KT	04T	1.8	0.240	0.900	1.028
MLP1812-221KT	05T	2.2	0.268	0.850	1.697
MLP1812-271KT	06T	2.7	0.288	0.800	1.513
MLP1812-331KT	07T	3.3	0.323	0.750	1.397
MLP1812-391KT	08T	3.9	0.347	0.700	1.250
MLP1812-471KT	09T	4.7	0.401	0.650	1.131
MLP1812-561KT	10T	5.6	0.437	0.650	1.060
MLP1812-681KT	11T	6.8	0.472	0.600	0.990
MLP1812-821KT	12T	8.2	0.548	0.600	0.871
MLP1812-102KT	13T	10	0.608	0.550	0.772
MLP1812-122KT	14T	12	0.670	0.550	0.752
MLP1812-152KT	15T	15	0.780	0.450	0.693
MLP1812-182KT	16T	18	0.875	0.400	0.614
MLP1812-222KT	17T	22	1.200	0.370	0.515
MLP1812-272KT	18T	27	1.404	0.330	0.465
MLP1812-332KT	19T	33	1.578	0.300	0.425
MLP1812-392KT	20T	39	1.848	0.280	0.376
MLP1812-472KT	21T	47	2.064	0.260	0.366
MLP1812-562KT	22T	56	2.268	0.240	0.336
MLP1812-682KT	23T	68	3.408	0.220	0.297
MLP1812-822KT	24T	82	3.648	0.200	0.267
MLP1812-103KT	25T	100	4.320	0.180	0.238
MLP1812-123KT	26T	120	6.000	0.160	0.208
MLP1812-153KT	27T	150	6.432	0.140	0.183
MLP1812-183KT	28T	180	8.400	0.120	0.158
MLP1812-223KT	29T	220	9.680	0.120	0.143
MLP1812-273KT	30T	270	12.720	0.100	0.129
MLP1812-333KT	31T	330	15.240	0.090	0.118

All part numbers provide 10% tolerance on inductance

* Measured at 1 V ac open circuit with no dc current at 1 kHz



NOTES:

- Operating Temperature Range -55°C to +130°C
- Current Rating is based on a 45°C temperature rise at an ambient temperature of 85°C
- Incremental Current is the approximate value that will cause a 5% maximum decrease in inductance at a zero dc current
- DWV 1000 Vrms @ Sea Level 500 Vrms @ 70,000 Feet
- Grade 5, encapsulated
- Weight maximum 2.5 grams
- Level T Product is 100% Tested In Accordance with MIL-PRF-27 Group A Subgroup 1 which includes Thermal Shock, Burn In, and Radiographic Inspection Tests
- * Meets a TML (Total Mass Loss) requirement of 1.0% maximum when tested in accordance with ASTM E-595; this calculation does not include WVR (Water Vapor Recovered)

TAPE AND REEL SPECS:

Pcs./Reel maximum:	2200
Pitch between parts:	8 mm
Tape width:	12 mm
Reel diameter:	13 in.