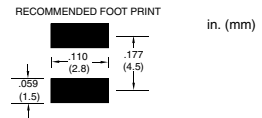
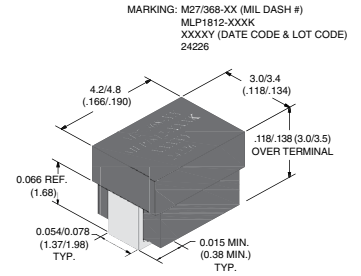


## MLP1812 Power Inductors - Military Approved

M27/368 Ferrite Core



PART NUMBER	MIL DASH NUMBER	L $\mu$ H $\pm$ 10% @1 kHz *	DCR OHMS MAX	CURRENT RATING AMPS	INCREMENTAL CURRENT AMPS **
MLP1812-101K	01	1.0	.113	1.050	2.400
MLP1812-121K	02	1.2	.199	1.000	2.158
MLP1812-151K	03	1.5	.222	.950	1.980
MLP1812-181K	04	1.8	.240	.900	1.028
MLP1812-221K	05	2.2	.268	.850	1.697
MLP1812-271K	06	2.7	.288	.800	1.513
MLP1812-331K	07	3.3	.323	.750	1.397
MLP1812-391K	08	3.9	.347	.700	1.250
MLP1812-471K	09	4.7	.401	.650	1.131
MLP1812-561K	10	5.6	.437	.650	1.060
MLP1812-681K	11	6.8	.472	.600	.990
MLP1812-821K	12	8.2	.548	.600	.871
MLP1812-102K	13	10	.608	.550	.772
MLP1812-122K	14	12	.670	.550	.752
MLP1812-152K	15	15	.780	.450	.693
MLP1812-182K	16	18	.875	.400	.614
MLP1812-222K	17	22	1.200	.370	.515
MLP1812-272K	18	27	1.404	.330	.465
MLP1812-332K	19	33	1.578	.300	.425
MLP1812-392K	20	39	1.848	.280	.376
MLP1812-472K	21	47	2.064	.260	.366
MLP1812-562K	22	56	2.268	.240	.336
MLP1812-682K	23	68	3.408	.220	.297
MLP1812-822K	24	82	3.648	.200	.267
MLP1812-103K	25	100	4.320	.180	.238
MLP1812-123K	26	120	6.000	.160	.208
MLP1812-153K	27	150	6.432	.140	.183
MLP1812-183K	28	180	8.400	.120	.158
MLP1812-223K	29	220	9.680	.120	.143
MLP1812-273K	30	270	12.720	.100	.129
MLP1812-333K	31	330	15.240	.090	.118



- NOTES:**
- Operating temperature -55°C to +130°C
  - Grade 5, encapsulated
  - Weight maximum 1.5 grams
  - DWV 200 Vrms @ sea level  
80 Vrms @ 70,000 feet
  - Rated current is based on a 40°C temperature rise at an ambient temperature of 90°C (Ferrite)

\* Measured at 1 V ac open circuit with no dc current at 1 KHz  
 \*\* The dc current at which the inductance will decrease by a maximum of 5 percent from the inductance at zero dc current

**TAPE AND REEL SPECS:**

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