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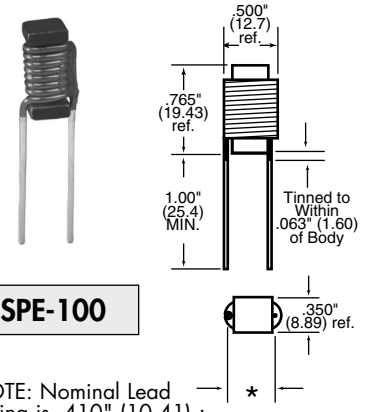
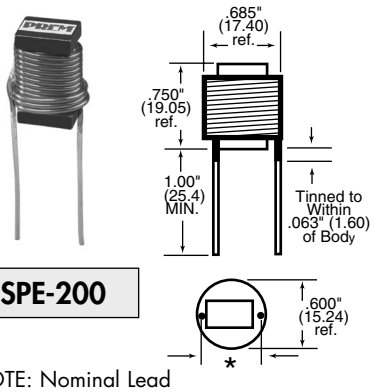
Economy High Current Inductors



SPE-100

*NOTE: Nominal Lead spacing is .410" (10.41) ; however, due to lead length, lead spacing is variable.

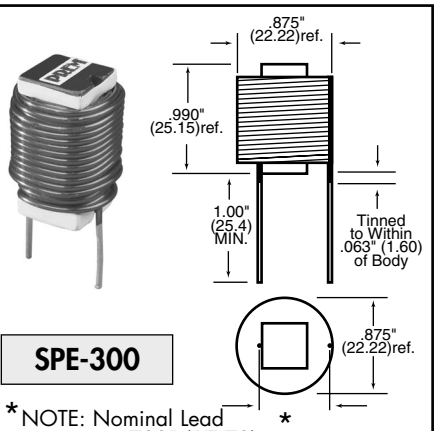
( )=mm



SPE-200

*NOTE: Nominal Lead spacing is .600" (15.24) ; however, due to lead length, lead spacing is variable.

( )=mm



SPE-300

*NOTE: Nominal Lead spacing is .700" (17.78) ; however, due to lead length, lead spacing is variable.

( )=mm

PREM® Part Numbers	LμHY	DC AMPS	NOM DCR Ω	NOM LEAD DIA. IN.
	SPE-100 Series			
SPE-100-*	1.5	12	.003	.064
SPE-101-*	2	10	.004	.057
SPE-102-*	3	8.5	.005	.051
SPE-103-*	3.5	7.0	.006	.045
SPE-104-*	4.2	5.5	.007	.040
SPE-105-*	10	4.3	.010	.036
SPE-106-*	20	4.3	.017	.036
SPE-107-*	28	3.4	.024	.032
SPE-108-*	34	2.6	.031	.029
SPE-109-*	50	2.1	.046	.050
SPE-110-*	100	2.1	.069	.050
SPE-111-*	125	1.7	.090	.045
SPE-112-*	160	1.35	.120	.040
SPE-113-*	250	1.0	.189	.035
SPE-114-*	350	1.0	.235	.035
SPE-115-*	500	.850	.392	.032
SPE-116-*	600	.670	.453	.030
SPE-117-*	750	.530	.641	.025
SPE-118-*	1000	.420	.890	.025
SPE-119-*	0.9	13	.003 max.	.064

PREM® Part Numbers	LμHY	DC AMPS	NOM. DCR Ω	NOM. LEAD DIA.
	SPE-200 Series			
SPE-200-*	27	5.5	.020	.040
SPE-201-*	33	5.5	.022	.040
SPE-202-*	39	5.5	.025	.040
SPE-203-*	47	5.0	.030	.040
SPE-204-*	56	4.8	.036	.036
SPE-205-*	68	4.4	.040	.036
SPE-206-*	82	4.0	.052	.032
† SPE-207-*	100	3.8	.061	.032
† SPE-208-*	120	3.5	.066	.032
† SPE-209-*	150	3.0	.075	.032
† SPE-210-*	180	2.8	.100	.029
SPE-211-*	220	2.35	.110	.029
SPE-212-*	270	2.0	.150	.026

† - Option E not available

PREM® Part Numbers	LμHY	DC AMPS	NOM. DCR Ω	NOM. LEAD DIA.
	SPE-300 Series			
†† SPE-300-*	47	9.0	.019	.057
SPE-301-*	56	8.0	.024	.050
SPE-302-*	68	6.0	.031	.045
SPE-303-*	82	6.0	.034	.045
SPE-304-*	100	6.0	.039	.045
SPE-305-*	120	5.0	.048	.040
SPE-306-*	150	5.0	.054	.040
SPE-307-*	180	4.3	.072	.036
SPE-308-*	220	4.3	.081	.036
SPE-309-*	270	4.3	.091	.036
SPE-310-*	330	3.4	.120	.032
SPE-311-*	390	3.4	.134	.032
†† SPE-312-*	470	3.4	.153	.032
SPE-313-*	560	2.7	.196	.028
SPE-314-*	680	2.5	.228	.028
SPE-315-*	820	2.5	.300	.050
SPE-316-*	1000	2.0	.332	.050
SPE-317-*	1200	2.0	.383	.050
SPE-318-*	1500	1.5	.510	.045

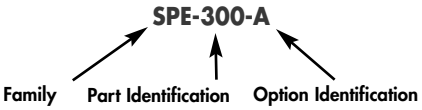
†† - Option C not available

* Options Available A-B-C-D-E-F-O Option Table

- **A.** Plastic dip coating
- **B.** Mounted on 94 V-0base, 3 terminals (2 used). Base dia. .780" (19.81) max.
- **C.** Shield can supplied with unit.
- **D.** Mounted on 94 V-0 base and shield can supplied with unit.
- **E.** For high voltage applications.
- **F.** Foam pad to raise part .062" above PC Board.
- **O.** No options. Plain self leads as shown.

Notes: 1. Shield can will reduce "L" up to a maximum of 15% on the 100 and 200 series, and up to 30% on the 300 series of the specified value depending upon which series is being evaluated.
2. Options O, B & D not available on SPE-300 series units.
3. All SPE-300 units incorporate option E.

Ordering Information Example:



Base Mount Option-B

Base Option B

- Base diameter .780" (19.81) max.
- 3 terminals on .640" (16.25) dia. circle @ 90°
- .050" (1.27) ref. standoffs above board
- Base height above board = .190" (4.83) max.

Shield Can Option C

Aluminum Shield Can Option C for EMI Suppression

- Can height above board 1.09" (27.69) max.
- Can diameter = .900" (22.86) max.
- Can lug mounting .895" ± .010" (22.73 ± .254) between centers
- Can lugs .060 (1.52) wide X .016 (.406) thick
- Can standoff above board .030 (.762)

( ) = mm