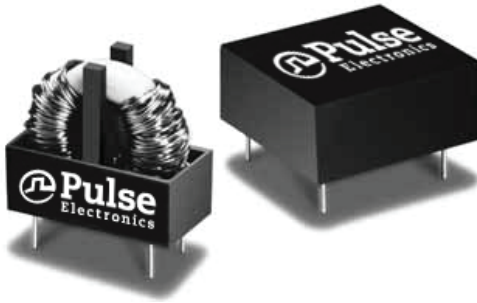


# Common Mode EMI Suppression Inductors



- Low profile or vertical mounting available
- Windings balanced within one percent
- For use in switching power supply input filter circuits
- Dielectric strength 1250 V<sub>RMS</sub>
- Designed with 3.0mm minimum creep distance between windings

## Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C

Low Profile Part Number	Vertical Mount Part Number	Rated RMS Current (AMPS)	Load VA at RMS Line		Inductance at 1kHz (mH MIN)	Test Level Volts RMS 1.0 kHz	Leakage Inductance 130kHz (µH MIN)	DCR Max. each WDG (Ω)	Package Number	Lead Diameter Inches ±.003	
			117 V	220 V						Low Profile	Vertical Mount
PE-62891NL	PE-62911NL	1.8	210	420	10.0	0.50	130	0.240	1	0.032	0.032
PE-62892NL	PE-62912NL	3.5	400	800	3.0	0.20	35	0.060	1	0.032	0.032
PE-62893NL	PE-62913NL	6.0	700	1400	1.0	0.08	12	0.020	1	0.036	0.036
-	PE-62914NL	2.6	300	600	16.0	1.00	180	0.160	2	0.032	0.040
PE-62895NL	PE-62915NL	3.2	375	750	8.0	0.50	90	0.120	2	0.032	0.040
PE-62896NL	PE-62916NL	5.2	600	1200	4.0	0.20	45	0.040	2	0.036	0.036
PE-62897NL	PE-62917NL	7.5	875	1750	2.0	0.08	25	0.020	2	0.047	0.047

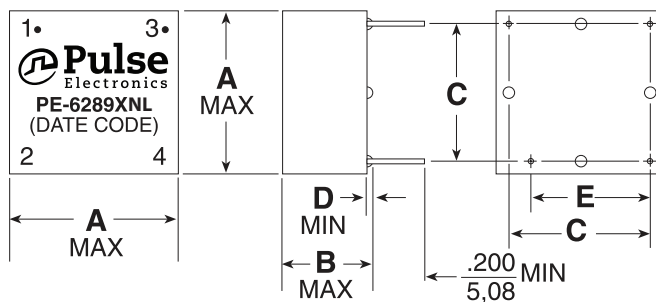
### Notes:

1. Rated RMS current for 40°C rise at any input voltage.
2. **Caution** — do not exceed rated RMS current ratings.
3. To order a RoHS compliant part, add the suffix “NL” to the part number (i.e. PE-62891 becomes PE-62891NL).

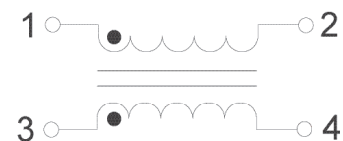
## Mechanical

## Schematic

### PE-6289XNL



Package Number	A	B	C	D	E
1	$\frac{1.25}{31,75}$	$\frac{.600}{15,24}$	$\frac{.100}{25,40}$	$\frac{.015}{0,38}$	$\frac{.900}{22,86}$
2	$\frac{1.50}{38,10}$	$\frac{.800}{20,32}$	$\frac{1.28}{32,51}$	$\frac{.010}{0,25}$	$\frac{1.083}{27,50}$



**Dimensions:**  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0,25}$

USA 858 674 8100

Germany 49 7032 7806 0

Singapore 65 6287 8998

Shanghai 86 21 62787060

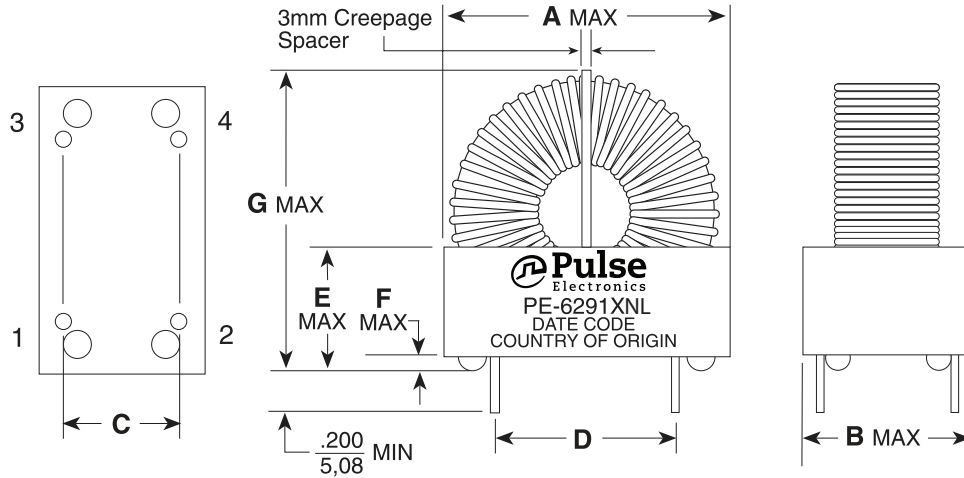
China 86 755 33966678

Taiwan 886 3 4356768

# Common Mode EMI Suppression Inductors

## Mechanical (continued)

PE-6291XNL



Dimensions:  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0,25}$

Package Number	A	B	C	D	E	F	G
1	$\frac{1.15}{29,21}$	$\frac{.560}{14,22}$	$\frac{.400}{10,15}$	$\frac{.800}{20,32}$	$\frac{.45}{11,43}$	$\frac{.015}{0,38}$	$\frac{1.15}{29,21}$
2	$\frac{1.44}{36,57}$	$\frac{.800}{20,32}$	$\frac{.600}{15,24}$	$\frac{.900}{22,86}$	$\frac{.70}{17,78}$	$\frac{.030}{0,76}$	$\frac{1.50}{38,10}$

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