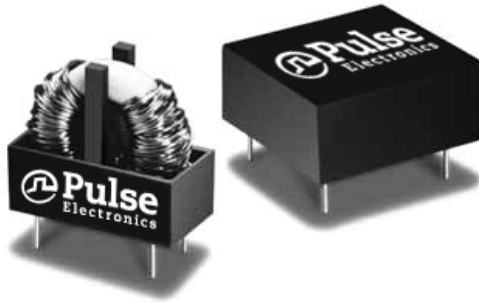


Common Mode EMI Suppression Inductors



- Low profile or vertical mounting available
- Windings balanced within one percent
- For use in switching power supply input filter circuits
- Dielectric strength 1250 V_{RMS}
- 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 |

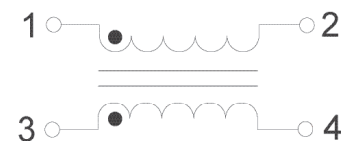
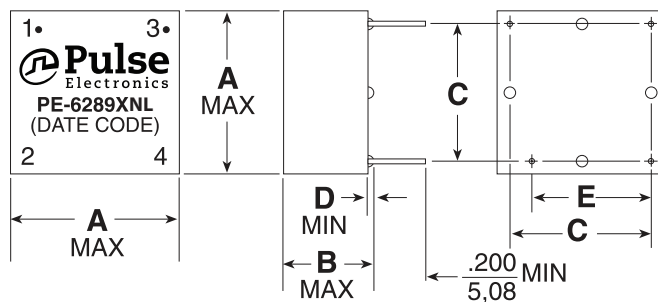
Notes:

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

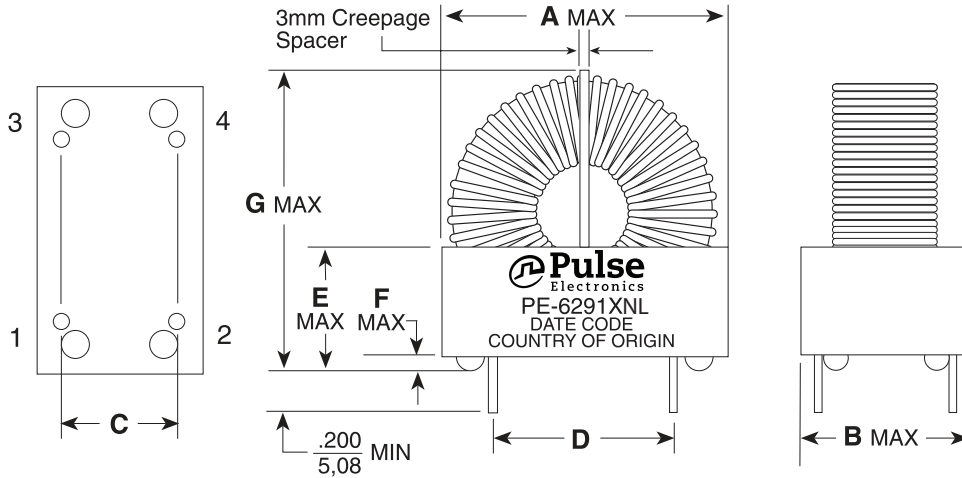
China 86 755 33966678

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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