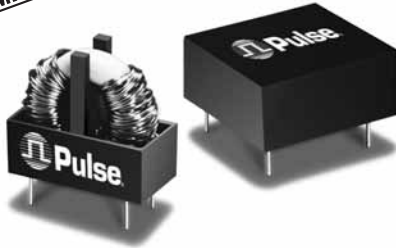







# COMMON MODE EMI SUPPRESSION INDUCTORS



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

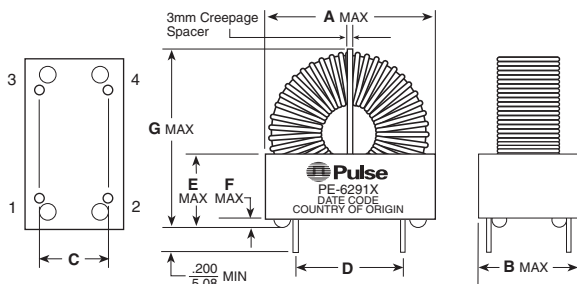
## Electrical Specifications @ 25°C— Operating Temperature -40° to +130° C

| Low Profile Part Number | Vertical Mount Part Number | Rated RMS Current <sup>1</sup> (Amps) | Load VA <sup>2</sup> 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-62891                | PE-62911                   | 1.8                                   | 210                              | 420   | 10.0                        | 0.50                         | 130                                | 0.240                 | 1              | 0.032                      | 0.032          |
| PE-62892                | PE-62912                   | 3.5                                   | 400                              | 800   | 3.0                         | 0.20                         | 35                                 | 0.060                 | 1              | 0.032                      | 0.032          |
| PE-62893                | PE-62913                   | 6.0                                   | 700                              | 1400  | 1.0                         | 0.08                         | 12                                 | 0.020                 | 1              | 0.036                      | 0.036          |
| —                       | PE-62914                   | 2.6                                   | 300                              | 600   | 16.0                        | 1.00                         | 180                                | 0.160                 | 2              | 0.032                      | 0.040          |
| PE-62895                | PE-62915                   | 3.2                                   | 375                              | 750   | 8.0                         | 0.50                         | 90                                 | 0.120                 | 2              | 0.032                      | 0.040          |
| PE-62896                | PE-62916                   | 5.2                                   | 600                              | 1200  | 4.0                         | 0.20                         | 45                                 | 0.040                 | 2              | 0.036                      | 0.036          |
| PE-62897                | PE-62917                   | 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).

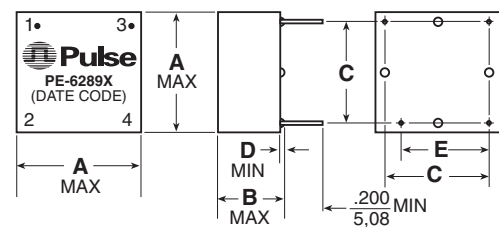
## Mechanicals

### Vertical Package



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

### Low Profile Package



| Package Number | A             | B             | C             | D            | E              |
|----------------|---------------|---------------|---------------|--------------|----------------|
| 1              | 1.25<br>31,75 | .600<br>15,24 | 1.00<br>25,40 | .015<br>0,38 | .900<br>22,86  |
| 2              | 1.50<br>38,10 | .800<br>20,32 | 1.28<br>32,51 | .010<br>0,25 | 1.083<br>27,50 |

### Schematic



Unless otherwise specified, all tolerances are ± .010 / 0,25

Dimensions: Inches / mm

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