

# SMT COMMON MODE INDUCTORS

## 0.5A to 3.6A



-  Pick and place compatible
-  Rated voltage 250V<sub>AC</sub>
-  Low RFI toroid
-  Tape & Reel packaging available

### Electrical Specifications @ 25°C — Operating Temperature -40°C to +130°C<sup>3</sup>

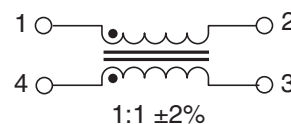
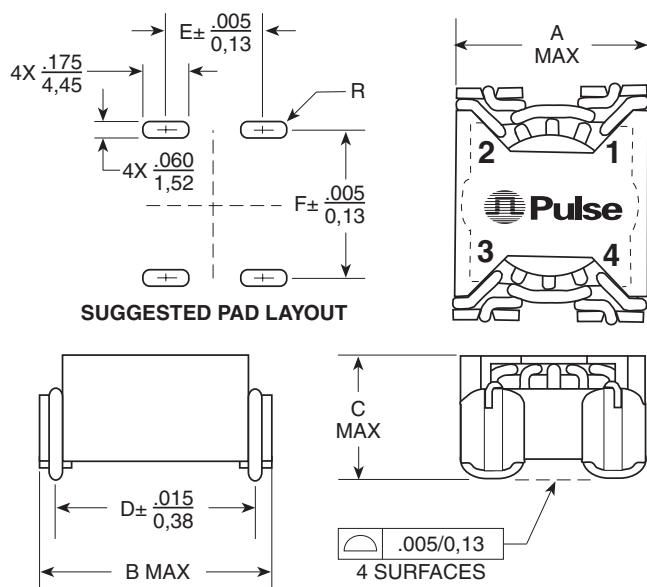
| Part <sup>1,2</sup><br>Number | Inductance<br>(mH MIN) | I <sub>rated</sub><br>(A) | DCR (MAX)<br>(mΩ) | Typical<br>SRF<br>(MHz) | Impedance<br>Curve | Size<br>Code | Weight<br>(Grams) | Quantity<br>In Tube |
|-------------------------------|------------------------|---------------------------|-------------------|-------------------------|--------------------|--------------|-------------------|---------------------|
| PE-53914                      | 13.2                   | 0.50                      | 850               | 0.3                     | 5                  | LCCI-37      | 2.4               | 30                  |
| PE-53913                      | 6.0                    | 1.00                      | 450               | 0.5                     | 4                  | LCCI-37      | 2.4               | 30                  |
| PE-53912                      | 1.8                    | 2.50                      | 80                | 2.2                     | 3                  | LCCI-50      | 5.2               | 30                  |
| PE-53911                      | 0.9                    | 1.50                      | 60                | 2                       | 2                  | LCCI-37      | 2.5               | 30                  |
| PE-53910                      | 0.6                    | 3.60                      | 50                | 4                       | 1                  | LCCI-50      | 5.3               | 30                  |

#### NOTE:

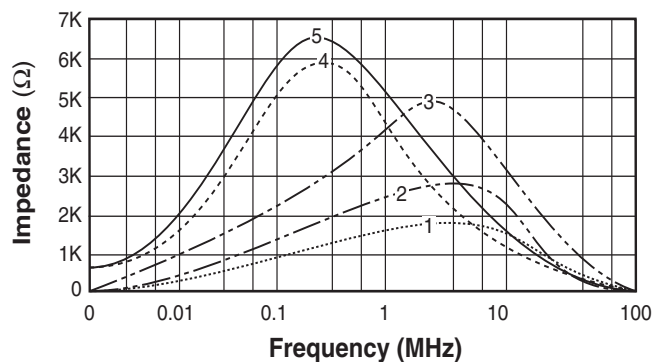
- Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (i.e. PE-53914 becomes PE-53914T). Pulse complies to industry standard tape and reel specification EIA481.
- To order RoHS compliant part, add the suffix "NL" to the part number (i.e. PE-53914 becomes PE-53914NL and PE-53914T becomes PE-53914NLT).
- The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.

## Mechanical

## Schematic



### Typical Impedance Curves



Dimensions: Inches  
mm

Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$

| Size    | A          | B          | C         | D          | E          | F          |
|---------|------------|------------|-----------|------------|------------|------------|
| LCCI-37 | .560/14,22 | .645/16,38 | .350/8,89 | .520/13,21 | .340/8,64  | .530/13,46 |
| LCCI-50 | .670/17,02 | .770/19,56 | .390/9,90 | .650/16,51 | .445/11,30 | .660/16,76 |