

## 271 Series Common Mode EMI Suppression Inductors (Open Construction)

### Features

- For high frequency power supply applications-input filter circuits
- International safety construction-Insulation between windings and cores
- Windings balanced within 1% tolerance
- Dielectric strength 1250VRMS
- Tinned Leads with Leaded Solder is Available (note 3)



### ELECTRICAL SPECIFICATIONS AT 25°C

| Part Number | Rated RMS Current Amps (1) | Load VA (2)<br>@ RMS Line |      | Inductance @ 1 kHz mH (Min) | Leakage Inductance 130 kHz $\mu$ H (Min) | DCR Each Windings $\Omega$ (Max) | Lead Dia. Inches $\pm .003$ | Figure |
|-------------|----------------------------|---------------------------|------|-----------------------------|------------------------------------------|----------------------------------|-----------------------------|--------|
|             |                            | 117V                      | 220V |                             |                                          |                                  |                             |        |
| PT27110     | 1.8                        | 210                       | 420  | 10.0                        | 130                                      | 0.240                            | 0.032                       | A      |
| PT27111     | 3.5                        | 400                       | 800  | 3.0                         | 35                                       | 0.060                            | 0.032                       | A      |
| PT27112     | 6.0                        | 700                       | 1400 | 1.0                         | 12                                       | 0.020                            | 0.036                       | A      |
| PT27113     | 2.6                        | 300                       | 600  | 16.0                        | 180                                      | 0.160                            | 0.032                       | B      |
| PT27114     | 3.2                        | 375                       | 750  | 8.0                         | 90                                       | 0.120                            | 0.032                       | B      |
| PT27115     | 5.2                        | 600                       | 1200 | 4.0                         | 45                                       | 0.040                            | 0.036                       | B      |
| PT27116     | 7.5                        | 875                       | 1750 | 2.0                         | 25                                       | 0.020                            | 0.047                       | B      |

Note: (1) Rated RMS current for 40°C temp rise.

(2) Caution-Do NOT exceed rated RMS current ratings.

(3) For non-RoHS parts, replace PT prefix with 42- (e.g. PT27110 becomes 42-27110).

(4) Terminal finish is compliant to RoHS requirements

