

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) @ RMS Line | | Inductance @ 1 kHz mH (Min) | Leakage Inductance 130 kHz μH (Min) | DCR Each Windings Ω (Max) | Lead Dia. Inches ±.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

