Power Factor Controller Transformers

These parts are designed for use with Motorola MC33261 and MC34261 power factor controllers. They are specifically intended for use in AC-DC pre-converter circuits for electronic ballast and off-line switching power converter applications.

N2880-AL and N2881-AL utilize standard materials for lowest cost. Coilcraft can also supply custom transformers optimized for specific combinations of output power and input voltage.

N2880-AL
For output power up to 175 Watts
For “universal” 110/220 V input voltage
Inductance: Pins 2-5 960/780 µH
DC resistance: Pins 2-5 0.100Ω max
Pins 12-7 0.017Ω max
Isolation: 500 Vrms between windings
1. Tested at 15.75 kHz, 1 Vrms.
2. Ambient temperature: −40°C to +85°C.
3. Electrical specifications at 25°C.

N2881-AL
For output power up to 80 Watts
For 110 V input voltage
Inductance: Pins 1-5 350/290 µH
DC resistance: Pins 1-5 0.170Ω max
Pins 10-6 0.019Ω max
Isolation: 500 Vrms between windings
1. Tested at 15.75 kHz, 0.2 Vrms.
2. Ambient temperature: −40°C to +85°C.
3. Electrical specifications at 25°C.