

Figure 1: Dimensions of the 10-pin connector. The figure includes three views: a top view, a side view, and a bottom view. The top view shows a rectangular connector with a central strip and four pins on each side, numbered 1 to 4 on the left and 5 to 8 on the right. Dimensions include a total width of 1.56, a central strip width of 1.25, and a pin pitch of 0.20. The side view shows a height of 1.87 and a pin height of 0.187 Min. The bottom view shows a width of 1.13 and a pin height of 0.187 Min. A note indicates a 0.036 square PC pins dimension. A detailed view of the pin array shows a 4x4 grid of pins with dimensions 0.20, 0.40, and 0.20.

- UL/cUL 5085-2 Recognized (File 47299)
UL 60950 Recognized Construction (File E144070)
VDE 0805 Licensed (File 19019-3336-9002/A1C)
UL 1446 Recognized Insulation System (File 95662)



**Dual Input
(Specify
115/230V or
120/240V)**

The diagrams show three transformer configurations:

- Single Output:** A transformer with two primary terminals (X and Y) and one secondary terminal (X) connected to ground.
- Center-Tapped Output:** A transformer with two primary terminals (X and Y) and a secondary winding with a center tap (CT) connected to ground.
- Dual Output:** A transformer with two primary terminals (X and Y) and a secondary winding with four terminals (XS, XF, YS, YF) connected to ground.

Part Number				
115V	115/230V	230V	Series Connection	Parallel Connection
IP010-1-010X	IP010-2-010X	IP010-3-010X	10VCT @ 1.0A	5V @ 2.0A
IP010-1-012X	IP010-2-012X	IP010-3-012X	12.6VCT @ 0.80A	6.3V @ 1.60A
IP010-1-016X	IP010-2-016X	IP010-3-016X	16VCT @ 0.62A	8V @ 1.25A
IP010-1-020X	IP010-2-020X	IP010-3-020X	20VCT @ 0.50A	10V @ 1.0A
IP010-1-024X	IP010-2-024X	IP010-3-024X	24VCT @ 0.42A	12V @ 0.84A
IP010-1-028X	IP010-2-028X	IP010-3-028X	28VCT @ 0.36A	14V @ 0.72A
IP010-1-036X	IP010-2-036X	IP010-3-036X	36VCT @ 0.28A	18V @ 0.56A



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POWER TRANSFORMER

ADMIRAL CLASS

Ensign Corporation
201 ENSIGN RD., BELLEVUE, IA 52031

IP010-1-XXXX
IP010-2-XXXX
IP010-3-XXXX

Dim: Inches

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