

Technical drawing of a 4-pin HEXFRED / SCHOTTKY (ANTI-PARALLEL) diode assembly. The drawing includes a top view, a side view, and a cross-section view. Dimensions are provided in millimeters (mm) and inches (in). Key features include a chamfer of 2.00 mm (0.079 in) at 45 degrees, a full radius (R FULL) on the side view, and a cross-section showing the diode structure. The top view shows four pins labeled 1, 2, 3, and 4, with dimensions for pin spacing and overall width. The side view shows the height and width of the assembly. The cross-section view shows the internal structure of the diode.

Top View Dimensions:

- Overall width: 38.30 (1.508) mm, 37.80 (1.488) mm
- Pin spacing (center-to-center): 12.50 (.492) mm, 6.25 (.246) mm, 25.70 (1.012) mm, 25.20 (.992) mm
- Pin diameter: 4.40 (.173) mm, 4.20 (.165) mm
- Pin 1 to Pin 2 distance: 7.50 (.295) mm
- Pin 3 to Pin 4 distance: 15.00 (.590) mm
- Pin 1 to Pin 4 distance: 30.20 (1.189) mm, 29.80 (1.173) mm

Side View Dimensions:

- Overall height: 8.10 (.319) mm, 7.70 (.303) mm
- Pin height: 2.10 (.082) mm, 1.90 (.075) mm
- Pin 1 to Pin 2 distance: 7.50 (.295) mm
- Pin 3 to Pin 4 distance: 15.00 (.590) mm

Cross-section View Dimensions:

- Overall width: 12.30 (.484) mm, 11.80 (.464) mm
- Pin diameter: 4.40 (.173) mm, 4.20 (.165) mm
- Pin height: 2.10 (.082) mm, 1.90 (.075) mm
- Pin 1 to Pin 2 distance: 7.50 (.295) mm
- Pin 3 to Pin 4 distance: 15.00 (.590) mm

Notes:

1. DIMENSIONING & TOLERANCING PER ANSI Y14.5M-1982.
2. CONTROLLING DIMENSION: MILLIMETER.
3. DIMENSIONS ARE SHOWN IN MILLIMETERS (INCHES).

This diagram shows the terminal block assembly in an exploded view. It includes the terminal block, a mounting plate, and various fasteners (screws, nuts, and washers) used for installation. The components are shown in their relative positions to illustrate how they fit together.