

G613 X Diode Matrix

The G613 module contains 256 diodes connected to form an 8 x 8 two-way crosspoint switching matrix that provides 64 pairs of interconnecting points. (Refer to Engineering Drawings D-BS-MM15-0-6 and D-BS-MM15-0-7.) Sixty-four cores from each of the 18 memory planes are connected between each pair of interconnecting points, thereby creating the current paths of the X-axis in the core memory stack. A thermistor is also included in the G613 module to control the read and write currents in response to temperature changes.