



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Mounting Boards for Microprocessor Interface Input/Output Modules

LOGIC INTERFACE CONNECTORS

CRYDOM mounting boards offer both card edge and header patterns to allow for standard flat cable connection to microprocessor boards. The Logic Interface Connector table indicates the type of connectors each MS-H mounting board will accept. (Contacts spaced on 0.10" centres).

Recommended connectors and suppliers	26-pin card edge connector (T&B/Ansley P/N 609-2615M or equivalent). Suitable for MS-8H only.
	40-pin header (T&B/Ansley P/N 609-4037E or equiv.) with matching female socket connector (T&B/Ansley P/N 609-4030 or equivalent).
	50-pin card edge connector (T&B/Ansley P/N 609-5015M or equivalent).

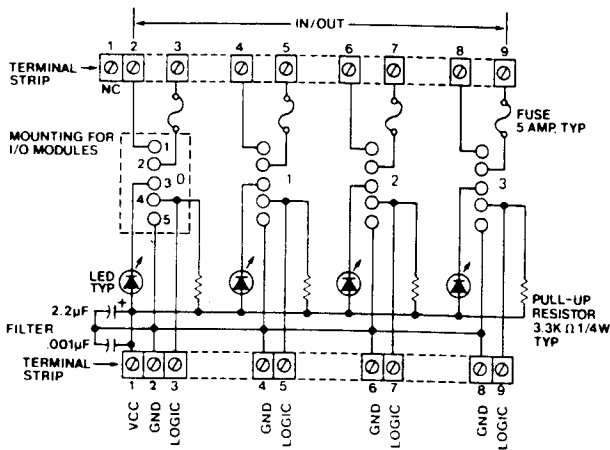
Data/Control Lines

The module data/control lines are assigned odd numbered pins on each connector. They are separated by ground traces and a ground plane to minimize cross talk, which terminates at the even numbered pins. Each data line has a 3.3KΩ pull-up resistor. LED indicators are included at each module location for on/off status.

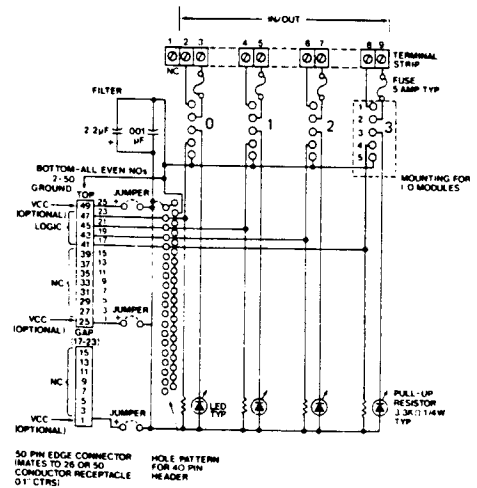
Power

Power (+Vcc) is introduced by means of a dual barrier strip (except the MS-4 and MS-4H). Other options include entry via the cable on pin 1 or pin 49, enabled by means of customer-installed jumpers. Decoupling capacitors are provided for noise protection and also to minimize cross talk.

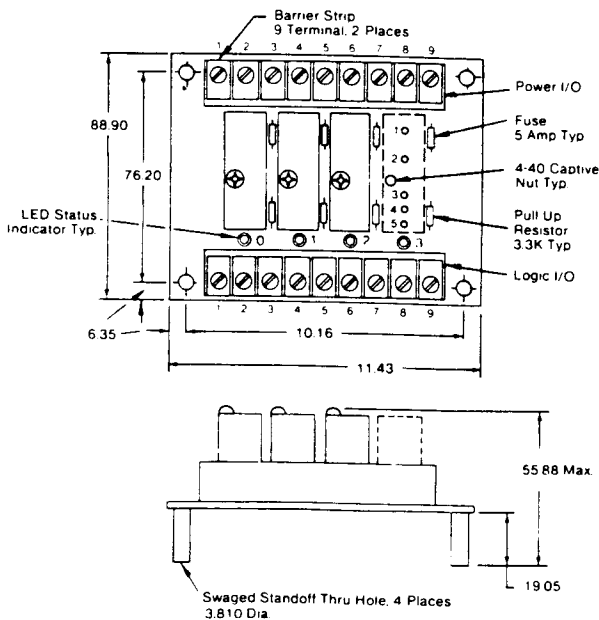
MS-4 Schematic



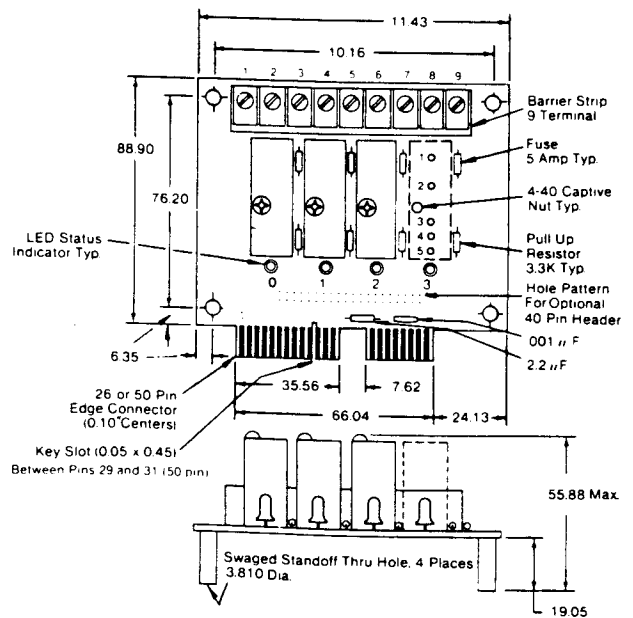
MS-4H Schematic



MS-4 Mounting Board



MS-4H Mounting Board

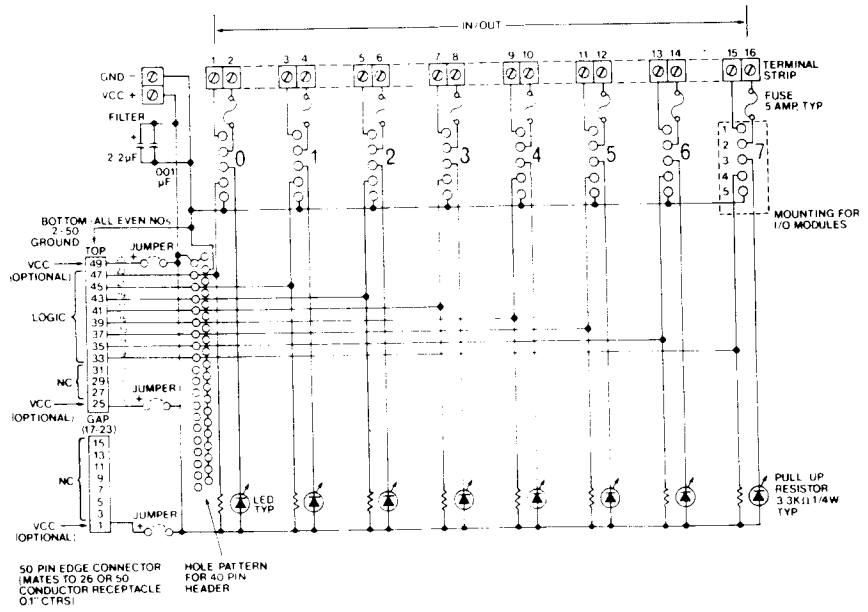


Recommended connectors and suppliers

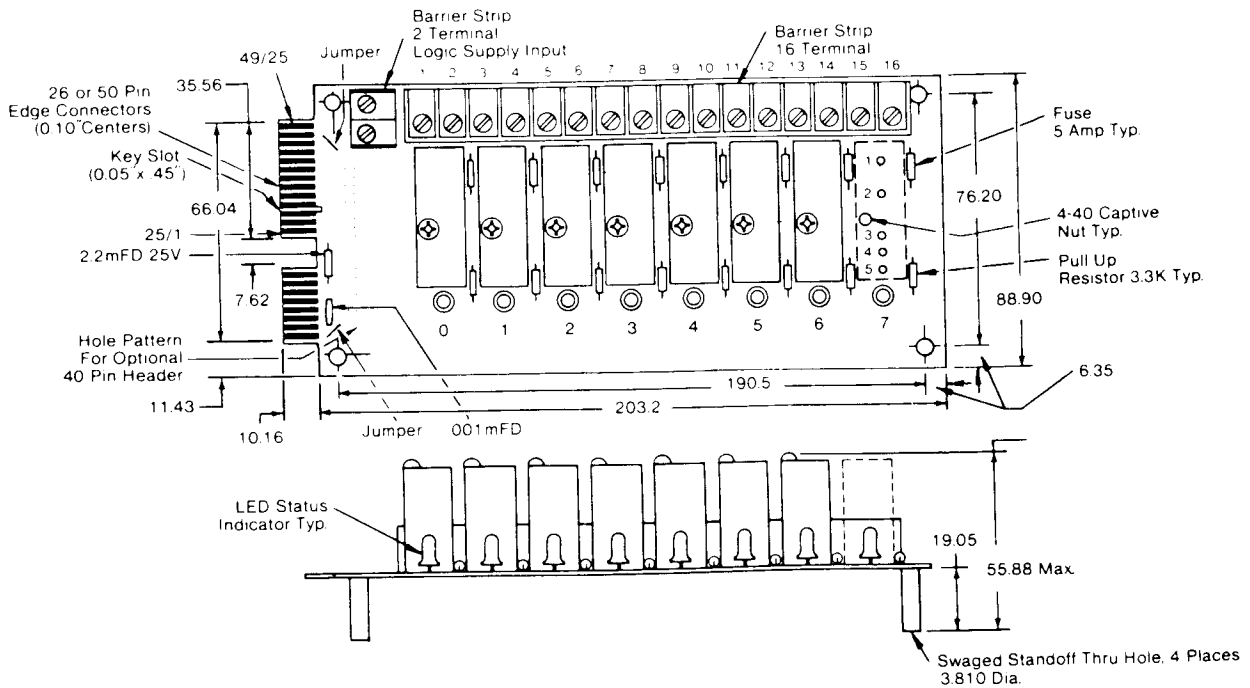
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40-pin header (T&B/Ansley P/N 609-4037E or equiv.) with matching female socket connector (T&B/Ansley P/N 609-4030 or equivalent).
50-pin card edge connector (T&B/Ansley P/N 609-5015M or equivalent).

All dimensions in millimetres

MS-8H Schematic

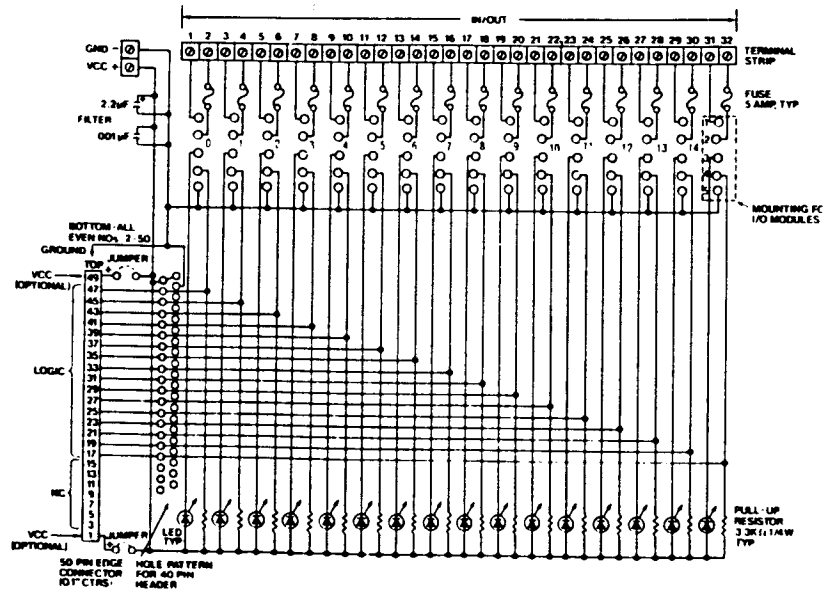


MS-8H Mounting Board

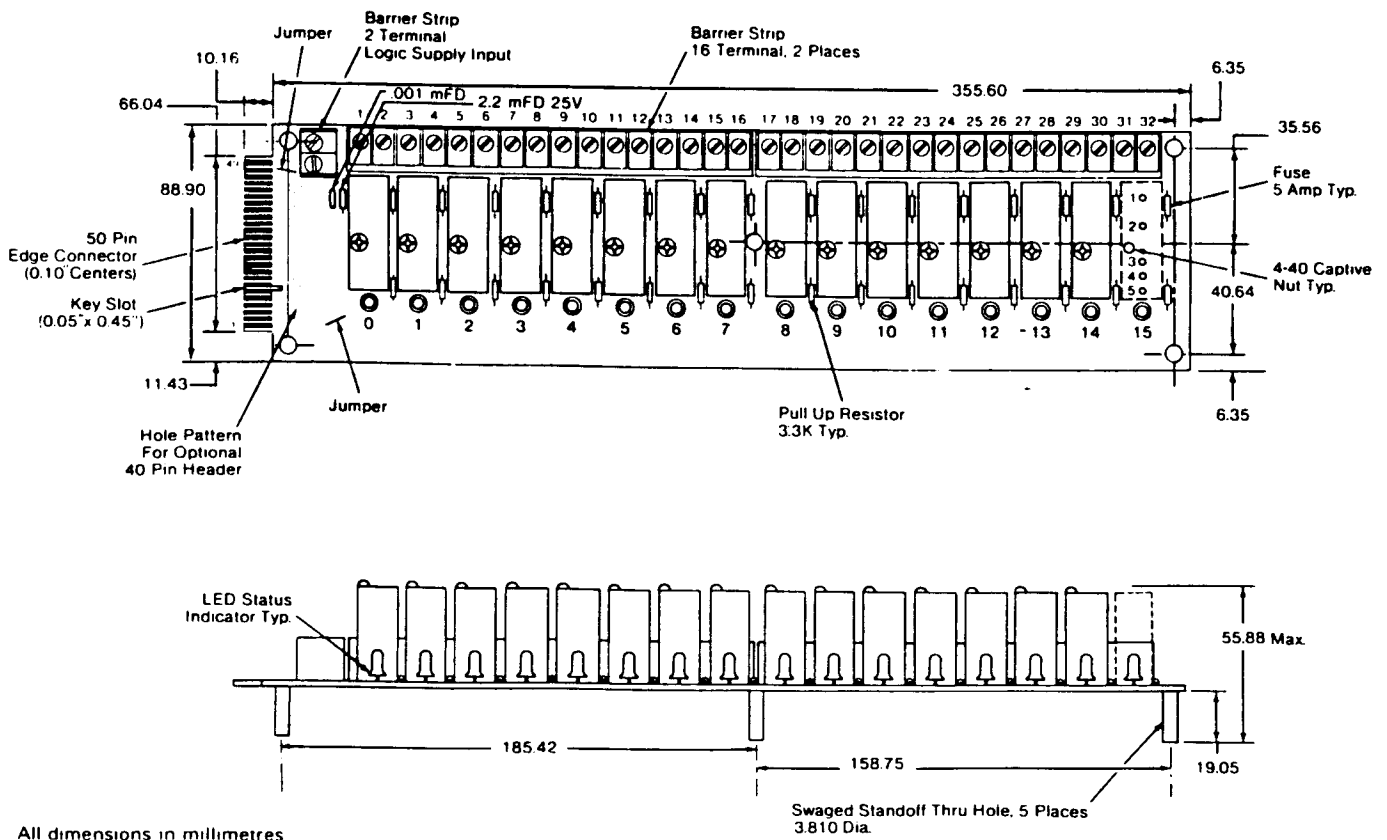


All dimensions in millimetres

MS-16H Schematic



MS-16H Mounting Board



All dimensions in millimetres