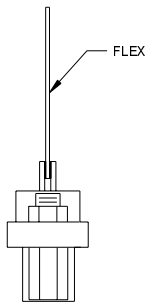


MICRO-D CONNECTORS TERMINATED TO FLEX CIRCUITRY...***TWO PROVEN PERFORMERS THAT MAKE A GREAT TEAM***

Flex circuitry has become a common interconnection choice for many of our customers. The .050" pitch of the Micro style product makes it the ideal connector choice to maximize the space, weight and flexibility benefits of flex circuitry. There are a number of ways to combine flex circuits and Micros. When you are designing your system you need to consider both the electrical needs and space/orientation limitations in conjunction with the most cost effective flex and connector design lay out.

Many of our QPL and MOTS connectors intended for conventional PCB installation will work in a flex circuit. The MBS and MCR series are two particularly successful products for use in flex. We would, however, also like to introduce you to Cristek's newest option that will further increase your packaging density. It is depicted on the MFX data sheet on the following page but we thought we would provide a pictorial representation and some explanation of the application and benefits.

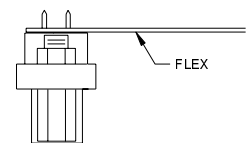


IN-LINE SURFACE MOUNT

Figure 1-4.

Figure 1-4 depicts the installation of a MFX In-Line Surface Mount connector to a double-sided flex. The connector is shipped to the user with a pin stiffener lead frame attached to facilitate alignment of flat solder tabs to the flex circuit. The leads are hot solder dipped at the factory prior to shipment so the user simply solders the leads to his flex and breaks away the stiffener bars at the score line. Thus, perfect alignment and a high-density package. The leads will nominally be spaced .050" from row to row. If closer or wider spacing is required for unusual flex thickness, please contact the factory.

Figure 1.5 depicts a MFX Thru Hole Mount connector, which has been soldered to a .050" x .050" pitch thru hole pattern in the flex. The connector comes with hot solder dipped leads that are pre trimmed and located for the user. The leads are .017" nominal diameter to facilitate circuitry routing.



RIGHT ANGLE THRU HOLE MOUNT

Figure 1-5.

The data sheet for the MFX In-Line Surface Mount connector currently depicts layouts up to size 37, but larger configurations are available. Contact the factory for data on sizes 51, 69, and 100.