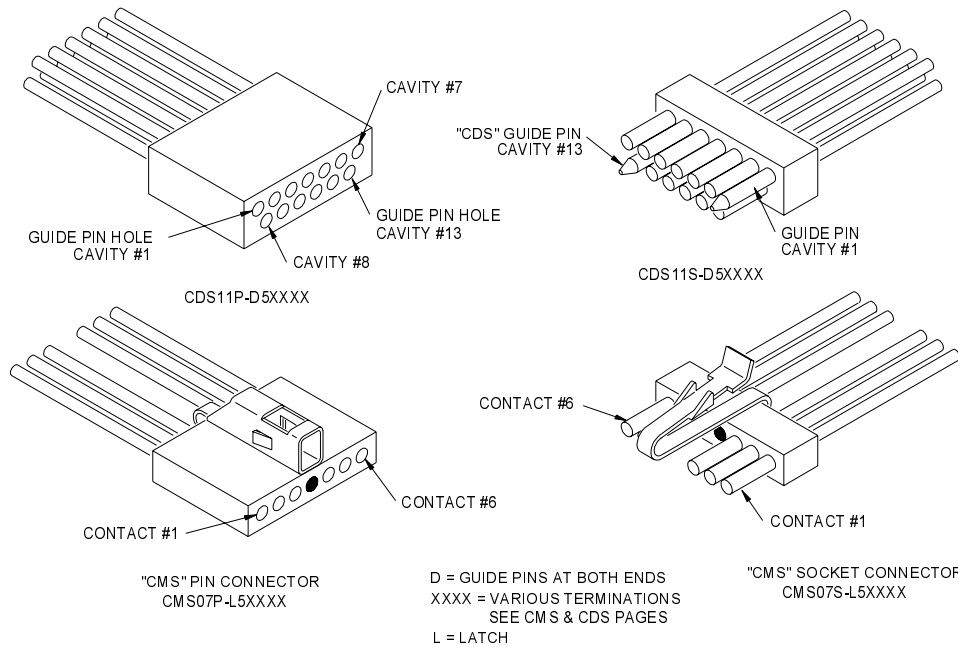


## 1.4 MICRO CONNECTORS / STRIP



The examples above will help you understand the hardware options available for CRISTEK Micro-Strip connectors. (Please note that the orientation of Pin #1 is based on its position in similar Micro-D connectors.)

### GUIDE PINS

Guide pins can be used to facilitate proper mating of strip connectors and for polarization of the connectors. The guide pin, mounted in the receptacle connector, and its corresponding hole in the plug connector achieve this. This is particularly important with strip connectors which utilize an exposed socket rather than intermating shells like their Micro-D relatives. CRISTEK guide pins are made from corrosion resistant passivated stainless steel.

### COUPLING SCREWS

Coupling screws are used to keep strip connectors in their mated position. They cannot be used as jacking hardware to help mate the connectors, but are screwed into the plug connector after the connectors are fully mated. CRISTEK coupling screws are machined corrosion resistant passivated stainless steel.

### THE LATCH

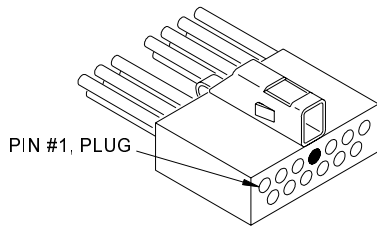
Latches can perform dual roles in strip applications. Primarily, they are used to provide a strong and convenient retention mechanism when positive mating is required. They offer several benefits which make them superior to coupling screws. These benefits are:

1. They are permanently affixed to the connectors; there is no chance of lost components.
2. They are easy to operate; no tools are required.
3. They provide an extremely visible means to ensure that the connector is properly mated.

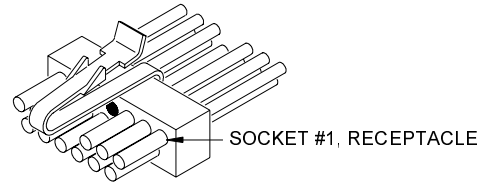
Latches can also be used for polarization, either alone or in conjunction with guide pins to allow an increased number of polarizing combinations. CRISTEK latches are made from electroless nickel plated beryllium copper.

Dual Row Micro-Strip connectors utilizing the latch have unique requirements for latch positioning. See sheet 2 for latch positioning on your Dual Row Micro Strip.

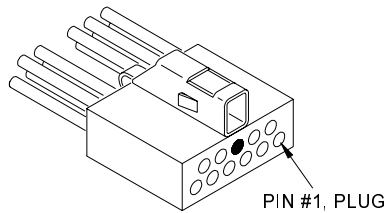
CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	MICRO STRIP HARDWARE OPTIONS AND POSITIONING			DWG. NO.	MSTRIP-HDW		
	FILENAME	ADS-MSTRIP-HDW-1			CODE IDENT NO. 67720	SHT 1 OF 2	REV A	
					TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°			



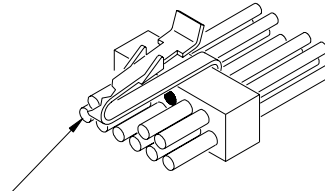
MICRO STRIP  
WITH PLUG LATCH  
DUAL ROW, EVEN NO. OF CONTACTS OF  
4, 8, 12, 16, 20, 24, 28, 32, 36 & 40



MICRO STRIP  
WITH RECEPTACLE LATCH  
DUAL ROW, EVEN NO. OF CONTACTS OF  
4, 8, 12, 16, 20, 24, 28, 32, 36 & 40

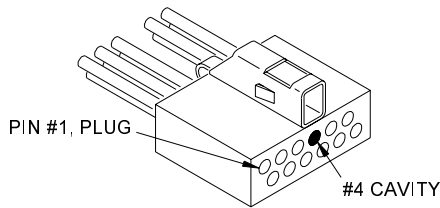


MICRO STRIP  
WITH PLUG LATCH  
DUAL ROW, EVEN NO. OF CONTACTS OF  
2, 6, 10, 14, 18, 22, 26, 30, 34 & 38

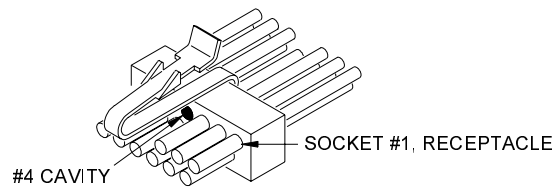


MICRO STRIP  
WITH RECEPTACLE LATCH  
DUAL ROW, EVEN NO. OF CONTACTS OF  
2, 6, 10, 14, 18, 22, 26, 30, 34 & 38

FOR EVEN NUMBER OF CONTACTS:  
LATCH INSTALLED IN CENTER POSITION OF CONNECTOR ON SIDE WITH AN ODD NUMBER OF CAVITIES



11 CONTACT PLUG (REF)



11 CONTACT RECEPTACLE (REF)

MICRO STRIP  
WITH PLUG LATCH  
DUAL ROW, ODD NO. OF CONTACTS

MICRO STRIP  
WITH RECEPTACLE LATCH  
DUAL ROW, ODD NO. OF CONTACTS

FOR ODD NUMBER OF CONTACTS:  
LATCH INSTALLED IN CENTER POSITION OR NEXT POSITION HIGHER ON SIDE OF CONNECTOR WITH CONTACT #1

## / ## = NUMBER OF CONTACTS IN CONNECTOR / CAVITY POSITION OF LATCH  
3/2, 5/2, 7/3, 9/3, 11/4, 13/4, 15/5, 17/5, 19/6, 21/6, 23/7, 25/7, 27/8, 29/8, 31/9, 33/9, 35/10, 37/10, 39/11

### DUAL ROW MICRO STRIP PIN 1 LOCATIONS AND LATCH POSITIONING

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	MICRO STRIP HARDWARE OPTIONS AND POSITIONING		DWG. NO.	MSTRIP-HDW	
	FILENAME	ADS-MSTRIP-HDW-1		CODE IDENT NO. 67720	SHT 2 OF 2	REV A
				TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°		