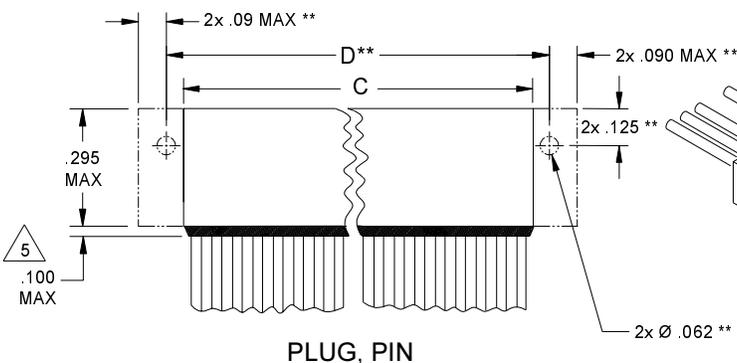
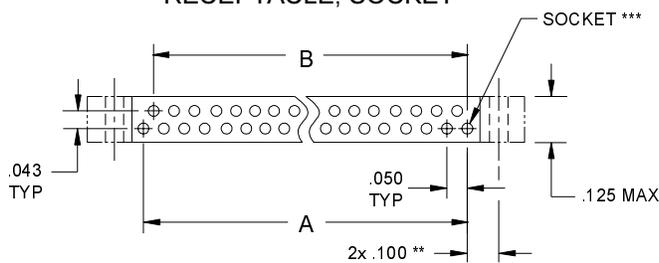
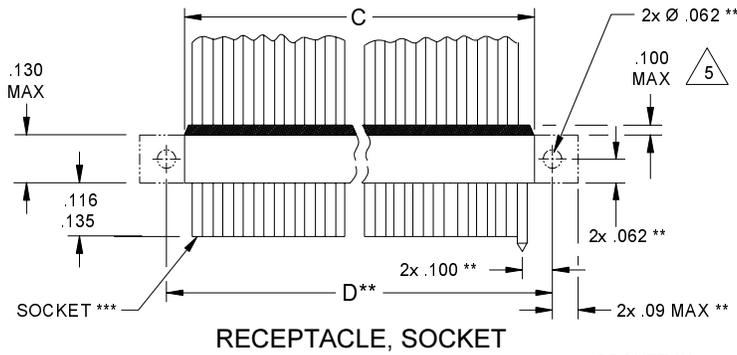


1.4 MICRO CONNECTORS / STRIP

NO. OF POSITIONS	A	B	C MAX	D**
3	.050	-	.135	.335
4	-	.075	.160	.360
5	.100	-	.185	.385
6	-	.125	.210	.410
7	.150	-	.235	.435
8	-	.175	.260	.460
9	.200	-	.285	.485
10	-	.225	.310	.510
11	.250	-	.335	.535
12	-	.275	.360	.560
13	.300	-	.385	.585
14	-	.325	.410	.610
15	.350	-	.435	.635

NO. OF POSITIONS	A	B	C MAX	D**
16	-	.375	.460	.660
17	.400	-	.485	.685
18	-	.425	.510	.710
19	.450	-	.535	.735
20	-	.475	.560	.760
21	.500	-	.585	.785
22	-	.525	.610	.810
23	.550	-	.635	.835
24	-	.575	.660	.860
25	.600	-	.685	.885
26	-	.625	.710	.910
27	.650	-	.735	.935
28	-	.675	.760	.960

NO. OF POSITIONS	A	B	C MAX	D**
29	.700	-	.785	.985
30	-	.725	.810	1.010
31	.750	-	.835	1.035
32	-	.775	.860	1.060
33	.800	-	.885	1.085
34	-	.825	.910	1.110
35	.850	-	.935	1.135
36	-	.875	.960	1.160
37	.900	-	.985	1.185
38	-	.925	1.010	1.210
39	.950	-	1.035	1.235
40	-	.975	1.060	1.260



COUPLING SCREW ON EACH END (CAN HAVE A SPECIAL LOCATION BY CUSTOMER REQUIREMENTS)

GUIDE PIN AVAILABLE ON BOTH ENDS NEXT TO CONTACT #1, OR IN A SPECIALLY ORDERED LOCATION

CRISTEK INTERCONNECTS, INC.
www.cristek.com
1301 S. Lewis St.
Anaheim, CA 92805
Phone: (714) 618-2000
FAX: (714) 535-4897

TITLE
MICRO STRIP DUAL ROW

FILENAME
ADS-CDS-1

DWG. NO.
CDS

CODE IDENT NO. 67720	SHT 1 OF 2	REV D
--------------------------------	--------------------------	-----------------

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°

THINGS TO KNOW ABOUT MICRO STRIPS

- FOR ORDERING PURPOSES SPECIFY ONLY THE NUMBER OF CONTACTS NEEDED, DO NOT INCLUDE POSITIONS FOR HARDWARE.
- TO CALCULATE DIMENSIONS, ADD ONE CONTACT POSITION FOR EACH GUIDE PIN/SCREW/LATCH/OPENING REQUIRED.
- IF HARDWARE IS ORDERED, IT IS INSTALLED IN THE RECEPTACLE. BE SURE TO ORDER PLUGS TO ACCEPT HARDWARE.
- HARDWARE CAN BE MODIFIED, COMBINED OR POSITIONED TO CONFORM TO CUSTOMER SPECIFICATIONS. PLEASE CONTACT CRISTEK FOR FURTHER INFORMATION.
- END-ON-END STACKING APPLICATIONS ARE ALSO AVAILABLE. PLEASE CONTACT CRISTEK FOR DETAILS.
- STRIPS WITH OVER 40 CONTACTS MAY BE DIFFICULT TO MATE AND DEMATE AND TEND TO BECOME FRAGILE. CONTACT CRISTEK FOR APPLICATION ASSISTANCE

CDS ## # - # # # # ## - ## - TH

CRISTEK PLASTIC DUAL ROW MICRO STRIP

NUMBER OF CONTACTS
03 - 40 (SEE TABLE)

GENDER
P = PLUG, PIN CONTACTS
S = RECEPTACLE, SOCKET CONTACTS

HARDWARE
0 = NO HARDWARE INSTALLED
B = GUIDE PIN BEFORE CONTACT 1 IN RECEPTACLE, CORRESPONDING HOLE IN PLUG
D = GUIDE PIN AT BOTH ENDS OF RECEPTACLE, CORRESPONDING HOLES IN PLUG
G = GUIDE PIN IN RECEPTACLE (INDICATE POSITION AT END OF PART NO.) INDICATE POSITION FOR CORRESPONDING HOLE IN PLUG
S = 1 MM COUPLING SCREW AT BOTH ENDS OF RECEPTACLE, CORRESPONDING HOLES IN PLUG
L = LATCH INSTALLED - SEE SHEET 2 OF MSTRIP-HDW DRAWING FOR REQUIREMENTS ON LATCH POSITIONING.

INSULATOR MATERIAL
5 = POLYPHENYLENE SULFIDE

TERMINATION
0000 - SOLDER CUP *
WIRE TYPE
STRANDED
H = HARNESS (MIL-W-16878/4)
M = MILITARY (MIL-W-22759/11) *
S = SPACE (MIL-W-22759/33)
SOLID
G = GOLD PLATED COPPER
T = TIN PLATED COPPER *

THROUGH HOLE **
(THROUGH HOLE IN PLUG IS THE PREFERRED CONFIGURATION)

GUIDE PIN POLARIZING POSITION
(IF APPLICABLE)

WIRE LENGTH
STRANDED
01 = 6 INCHES
02 = 12 INCHES
03 = 18 INCHES
04 = 24 INCHES
05 = 36 INCHES
06 = 72 INCHES
SOLID COPPER
25 AWG
01 = 0.5 INCH
02 = 1.0 INCH
03 = 0.25 INCH
24 AWG
11 = 0.5 INCH
12 = 1.0 INCH
13 = 0.25 INCH

WIRE COLOR/SIZE
0 = WHITE 26 AWG STRANDED *
1 = YELLOW 26 AWG STRANDED
2 = 10 SOLID COLORS REPEATED *
26 AWG STRANDED
3 = FULL COLOR CODE 26 AWG STRANDED
9 = SOLID COPPER *

* = MOST COMMONLY USED & STOCKED TERMINATION OPTIONS
** = DIMENSIONS / INFORMATION FOR THROUGH HOLE MOUNTING OPTION
*** = SEE SHEET 2 OF MSTRIP-HDW FOR LOCATION OF CONTACT 1.

1. MATERIALS:

INSULATOR - POLYPHENYLENE PER MIL-M-24519
TYPE GST-40F
PIN CONTACT - BERYLLIUM COPPER
SOCKET CONTACT - COPPER ALLOY

2. FINISH:

CONTACT - GOLD PER MIL-G-45204, TYPE II, GRADE C
CLASS I OVER NICKEL PER QQ-N-290.

3. SPECIFICATIONS:

CURRENT RATING 3 AMPS MAX
TEMPERATURE RATING -55° C TO +125° C
INSULATION RESISTANCE 5000 MEGOHMS MIN
DWV AT SEA LEVEL 600 VAC
DWV AT 70,000 FT ALTITUDE --- 150 VAC
CONTACT RESISTANCE 8 MILLIOHMS MAX AT 2.5 AMPS
LOW LEVEL CONTACT 10 MILLIOHMS MAX
RESISTANCE
CONTACT RETENTION 5 lb MINIMUM AXIAL LOAD
ENGAGEMENT FORCE 6 oz MAX
SEPARATION FORCE 0.5 oz MIN

4. ADDITIONAL INFORMATION:

DESIGN AND PERFORMANCE IN GENERAL ACCORDANCE WITH M83513
SURFACE MOUNT AND THRU HOLE VERSIONS ALSO AVAILABLE. CONTACT CRISTEK FOR OTHER CONFIGURATIONS.



STANDARD HEIGHT OF EPOXY. SOME SIZES AND APPLICATIONS MAY REQUIRE ADDITIONAL STRAIN RELIEF. CONTACT CRISTEK FOR DETAILS.

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