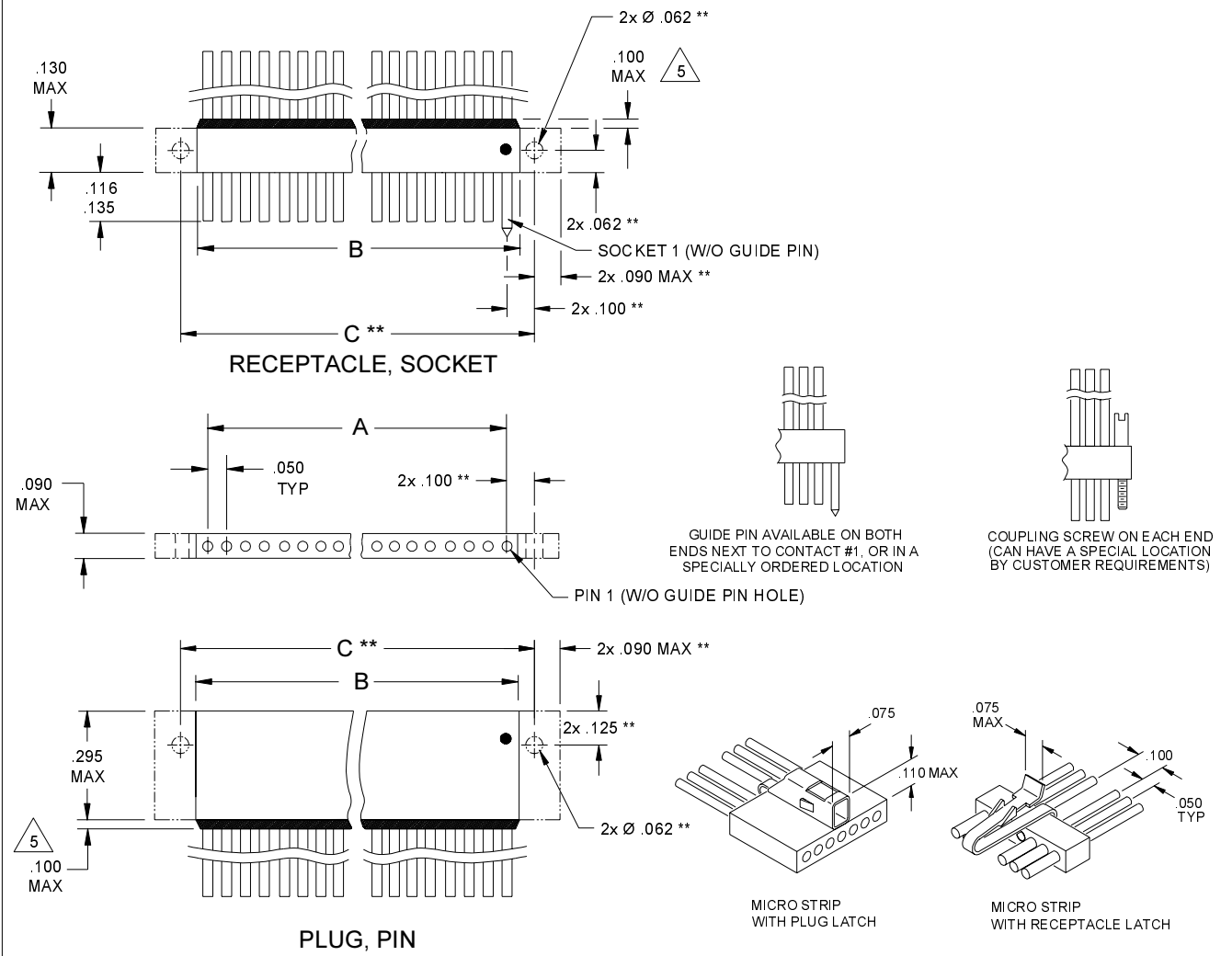


1.4 MICRO CONNECTORS / STRIP

NO. OF POSITIONS	A	B MAX	C** MAX	NO. OF POSITIONS	A	B MAX	C** MAX	NO. OF POSITIONS	A	B MAX	C** MAX	NO. OF POSITIONS	A	B MAX	C** MAX
02	.05	.135	.335	15	.70	.785	.985	28	1.35	1.435	1.635	41	2.00	2.085	2.285
03	.10	.185	.385	16	.75	.835	1.035	29	1.40	1.485	1.685	42	2.05	2.135	2.335
04	.15	.235	.435	17	.80	.885	1.085	30	1.45	1.535	1.735	43	2.10	2.185	2.385
05	.20	.285	.485	18	.85	.935	1.135	31	1.50	1.585	1.785	44	2.15	2.235	N/A
06	.25	.335	.535	19	.90	.985	1.185	32	1.55	1.635	1.835	45	2.20	2.285	N/A
07	.30	.385	.585	20	.95	1.035	1.235	33	1.60	1.685	1.885	46	2.25	2.335	N/A
08	.35	.435	.635	21	1.00	1.085	1.285	34	1.65	1.735	1.935	47	2.30	2.385	N/A
09	.40	.485	.685	22	1.05	1.135	1.335	35	1.70	1.785	1.985	48	2.35	2.435	N/A
10	.45	.535	.735	23	1.10	1.185	1.385	36	1.75	1.835	2.035	49	2.40	2.485	N/A
11	.50	.585	.785	24	1.15	1.235	1.435	37	1.80	1.885	2.085	50	2.45	2.535	N/A
12	.55	.635	.835	25	1.20	1.285	1.485	38	1.85	1.935	2.135				
13	.60	.685	.885	26	1.25	1.335	1.535	39	1.90	1.985	2.185				
14	.65	.735	.935	27	1.30	1.385	1.585	40	1.95	2.035	2.235				



CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE MICRO STRIP	DWG. NO. CMS		
	FILENAME ADS-CMS-1	CODE IDENT NO. 67720	SHT 1 OF 2	REV F
	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 30 CONTACTS MAY BE DIFFICULT TO MATE AND DEMATE AND TEND TO BECOME FRAGILE. CONTACT CRISTEK FOR APPLICATION ASSISTANCE

CMS ## # - # # # # ## - ## - TH

CRISTEK
PLASTIC MICRO STRIP

NUMBER OF CONTACTS
02 - 50 (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 HOLE 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 IN CENTER POSITION. (IN CONNECTORS WITH UNEVEN NUMBER OF CONTACTS, LATCH WILL BE INSTALLED IN THE CAVITY ONE POSITION HIGHER THAN THE CENTER POSITION.)

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

1. MATERIALS:

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

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
DUAL ROW MICRO STRIP AVAILABLE, SEE CDS.
CONTACT CRISTEK FOR OTHER CONFIGURATIONS.



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

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	FILENAME ADS-CMS-2	CODE IDENT NO. 67720	SHT 2 OF 2
		TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	