**NO. OF CONTACTS** | **A** | **B MAX** | **C**
--- | --- | --- | ---
2 | .10 | .185 | .300
3 | .20 | .285 | .400
4 | .30 | .385 | .500
5 | .40 | .485 | .600
6 | .50 | .585 | .700
7 | .60 | .685 | .800
8 | .70 | .785 | .900
9 | .80 | .885 | 1.000
10 | .90 | .985 | 1.100
11 | 1.00 | 1.085 | 1.200
12 | 1.10 | 1.185 | 1.300
13 | 1.20 | 1.285 | 1.400

**NO. OF CONTACTS** | **A** | **B MAX** | **C**
--- | --- | --- | ---
14 | 1.30 | 1.385 | 1.500
15 | 1.40 | 1.485 | 1.600
16 | 1.50 | 1.585 | 1.700
17 | 1.60 | 1.685 | 1.800
18 | 1.70 | 1.785 | 1.900
19 | 1.80 | 1.885 | 2.000
20 | 1.90 | 1.985 | 2.100

**CENTI-STRIP ( .100 SPACING MICRO STRIP )**

**RECEPTACLE, SOCKET (W/O GUIDE PIN)**
- **A**: .100 TYP
- **B**: .130 MAX
- **C**: .100 MAX

**PIN 1 (W/O GUIDE PIN)**
- **A**: .295 MAX
- **C**: .100 MAX

**PLUG, PIN**
- **B**: 2x .125**
- **C**: 2x .062**

**CENTI-STRIP WITH PLUG LATCH**
- **C**: .075 MAX
- **D**: .110 MAX

**CENTI-STRIP WITH RECEPTACLE LATCH**

**GUIDE PIN / HOLE**
- See hardware option "S"
- Also can have a special location specified by customer requirements.

**COUPLING SCREW / HOLE**
- See hardware option "B, D, AND G"
THINGS TO KNOW ABOUT MICRO STRIPS

1. FOR ORDERING PURPOSES SPECIFY ONLY THE NUMBER OF CONTACTS NEEDED, DO NOT INCLUDE POSITIONS FOR HARDWARE.

2. IF HARDWARE IS ORDERED, EXCEPT FOR LATCHES IT IS INSTALLED IN THE RECEPTACLE. BE SURE TO ORDER PLUGS TO ACCEPT HARDWARE.

3. HARDWARE CAN BE MODIFIED, COMBINED OR POSITIONED TO CONFORM TO CUSTOMER SPECIFICATIONS. PLEASE CONTACT CRISTEK FOR FURTHER INFORMATION.

CRISTEK PLASTIC MICRO STRIP

NUMBER OF CONTACTS
02 - 25*** (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
(Note: Add .050 to Dimensions A & B)
D = GUIDE PIN AT BOTH ENDS OF RECEPTACLE, CORRESPONDING HOLES IN PLUG
(Note: Add .100 to Dimensions A & B)
G = GUIDE PIN IN RECEPTACLE OR CORRESPONDING HOLE IN PLUG (INDICATE POSITION IN PLUG OR RECEPTACLE AT END OF PART NO.)
S = 1 MM COUPLING SCREW AT BOTH ENDS OF RECEPTACLE, CORRESPONDING HOLES IN PLUG
(Note: Add .100 to Dimensions A & B)
L = LATCH INSTALLED IN CENTER POSITION.
(INS 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 = SOLDER DIPPED COPPER *

** = DIMENSIONS / INFORMATION FOR THROUGH HOLE MOUNTING OPTION
*** = SIZE 25 NOT AVAILABLE WITH END MOUNTED HARDWARE.

* = MOST COMMONLY USED & STOCKED TERMINATION OPTIONS

MATERIALS AND FINISHES ARE IAW MIL-DTL-83513
FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

1. MATERIALS:
INSULATOR - GLASS FILLED THERMOPLASTIC PIN/SOCKET CONTACT - COPPER ALLOY

2. FINISH:
CONTACT - GOLD OVER NICKEL

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:
CONTACT CRISTEK FOR OTHER CONFIGURATIONS.

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

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

CENTI-STRIP
(.100 SPACING MICRO STRIP)

CENTI-STRIP
(.100 SPACING MICRO STRIP)

SHT 2 OF 2

REV G

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