THINGS TO KNOW ABOUT NANO STRIPS

1. THE CRISTEK PART NUMBER INDICATES THE NUMBER OF CONTACTS NEEDED.
2. TO CALCULATE DIMENSIONS, ADD ONE CONTACT POSITION FOR EACH GUIDE PIN/OPENING REQUIRED.
3. GUIDE PINS ARE INSTALLED IN THE RECEPTACLES. MATING PLUGS MUST HAVE CORRESPONDING OPENINGS TO ACCOMMODATE THE HARDWARE.
4. HARDWARE CAN BE POSITIONED TO CONFORM TO CUSTOMER SPECIFICATIONS. PLEASE CONTACT CRISTEK FOR FURTHER INFORMATION.
5. SPECIAL "NANO" CONNECTORS WITH MULTIPLE ROW CONFIGURATIONS AND FOR END-ON-END STACKING APPLICATIONS ARE ALSO AVAILABLE. PLEASE CONTACT CRISTEK FOR DETAILS.

CNS — XX X — X X X — XX

GUIDE PIN POLARIZING POSITION (IF APPLICABLE)

WIRE LENGTH
- STRANDED (+1.00 / -0.00)
  1 = 6 INCHES
  2 = 12 INCHES
  3 = 18 INCHES
  4 = 24 INCHES
  5 = 36 INCHES
  6 = 72 INCHES
- SOLID COPPER (+.020 / -.00) 30 AWG
  1 = 0.5 INCH
  2 = 1.0 INCH
  3 = 0.25 INCH

WIRE SIZE
- 0 = 32 AWG STRANDED / 30 AWG SOLID
- 1 = 30 AWG STRANDED

WIRE COLOR/TYPE
- 0 = WHITE*
- 1 = YELLOW
- 2 = 10 SOLID COLORS REPEATED*
- 3 = FULL COLOR CODE
- 9 = SOLID COPPER 30 AWG*

* = MOST COMMONLY USED & STOCKED TERMINATION OPTIONS

MATERIALS AND FINISHES ARE IAW MIL-DTL-32139
FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

1. MATERIALS:
   CONTACT - COPPER ALLOY
   INSULATOR - LIQUID CRYSTAL POLYMER
2. FINISH:
   CONTACT - GOLD OVER NICKEL
3. SPECIFICATIONS:
   CURRENT RATING ———— 1 AMP MAX
   TEMPERATURE RATING ——— —55° C TO +125° C
   INSULATION RESISTANCE ——— 5000 MEGOHMS
   DWV AT SEA LEVEL —————— 250 VAC
   DWV AT 70,000 FT ALTITUDE ——— 100 VAC
   CONTACT RESISTANCE ———— 71 mV DROP MAX @ 1 A
   CONTACT RETENTION ————— 2 LBS AXIAL LOAD
   ENGAGEMENT FORCE ————— 5 oz MAX
   SEPARATION FORCE —————— 0.4 oz MIN
4. ADDITIONAL INFORMATION:
   OTHER CONFIGURATIONS AVAILABLE. CONSULT CRISTEK FOR ORDERING INFORMATION.
5. FOR SURFACE MOUNT NANO CONNECTOR, SEE CSN STYLE.