NANO METAL SHELL SINGLE ROW RIGHT ANGLE BOARD MOUNT

FOR PLUG AND RECEPTACLE PCB LAYOUTS, SEE SHEETS 3 AND 4

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

CRISTEK.COM
888.265.9162
NANO METAL SHELL
RIGHT ANGLE BOARD MOUNT

BODY STYLE
1 = SINGLE ROW

NUMBER OF CONTACTS
09  25  51
15  31
21  37

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

HARDWARE
T = #0-80 THREADED HOLE

SHELL FINISH
ALUMINUM
A = CADMIUM
B = NICKEL
C = ZINC-NICKEL
G = GOLD

STAINLESS STEEL
P = PASSIVATE

TITANIUM
T = TITANIUM (FINISH N/A)

TERMINATIONS
1 = .109  ±.015
2 = .140  ±.015
3 = .172  ±.015
4 = .190  ±.015

PCB MOUNTING METHOD
T = #0-80 THREADED INSERT

1. MATERIALS:
   SHELL - ALUMINUM ALLOY OR STAINLESS STEEL
   OR TITANIUM
   INSULATOR - LIQUID-CRYSTAL POLYMER OR
   GLASS FILLED THERMOPLASTIC
   CONTACT - COPPER ALLOY

2. FINISH:
   SHELL - CADMIUM OVER ELECTROLESS NICKEL
   OR PASSIVATE OR GOLD OR ZINC-NICKEL
   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:
   FOR OTHER TERMINATIONS, CONTACT CRISTEK.

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

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BRN1 PLUG PCB LAYOUTS

.050 X .050 GRID PATTERN OFFSET .025