PLUG MATING FACE

CNA 02 — XX X — X X X X

NANO METAL SHELL JUMPER
BODY STYLE
02 = DUAL ROW
NUMBER OF CONTACTS
09 31
15 37
21 51
25 69
GENDER
P = PIN, PLUG SHELL
S = SOCKET, RECEPTACLE SHELL
B = PIN & SOCKET (ONE EACH END)
HARDWARE
0 = NONE (THRU HOLE ONLY)
J = JACKSCREW (CAPTURED) - PIN SIDE
T = #0-80 THREADED HOLE - SOCKET SIDE
B = JACKSCREW PIN SIDE / THREADED HOLE SOCKET SIDE
W = JACKSCREWS (CAPTURED) - BOTH SIDES
D = #0-80 THREADED HOLE - BOTH SIDES

RECEPTACLE MATING FACE

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
WIRE SIZE
0 = 32 AWG STRANDED
1 = 30 AWG STRANDED
WIRE COLOR
0 = WHITE
TERMINATION
WIRE TYPE
STRANDED
H = HARNESS (MIL-W-16878/6)
S = SPACE M22759/33
M = 04047-30A
N = NEMA HP3
SHELL AND FINISH
ALUMINUM
A = CADMIUM
B = NICKEL
C = ZINC-NICKEL
G = GOLD
STAINLESS STEEL
P = PASSIVATE
TITANIUM
T = TITANIUM (FINISH N/A)

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

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