

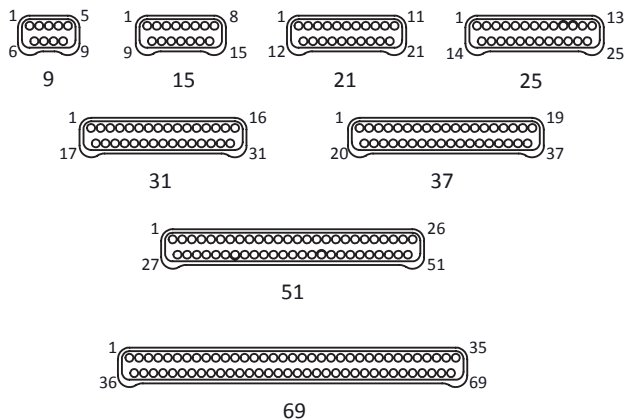
TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE
**NANO METAL SHELL
DUAL ROW
JUMPER**

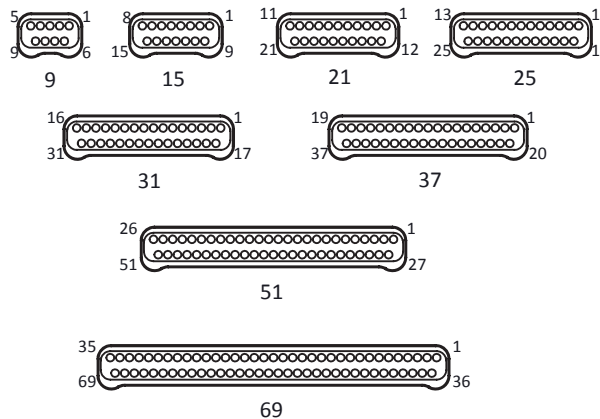
SHT 1 OF 2

DWG. NO.
CNA02

REV
E



PLUG MATING FACE



RECEPTACLE MATING FACE

CNA 02— XX X— X 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

WIRE LENGTH
STRADED (+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
STRADED
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.

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

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