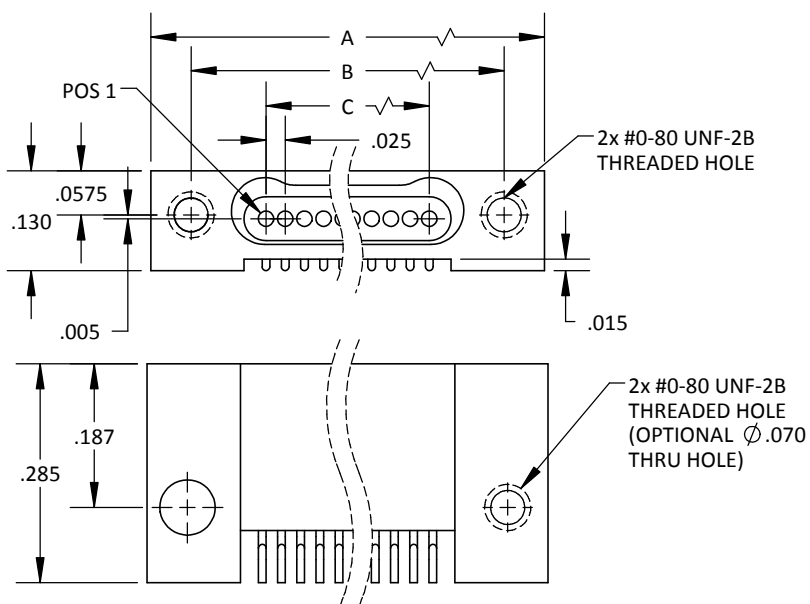
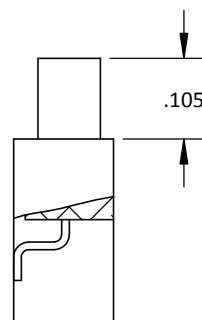


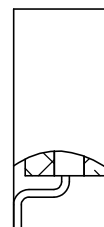
PLUG



RECEPTACLE

(FOR PLUG AND RECEPTACLE PCB CONTACT FOOTPRINTS, SEE SHEETS 3 AND 4)

NO. OF CONTACTS	A	B	C
9	.500	.395	.200
15	.650	.545	.350
21	.800	.695	.500
25	.900	.795	.600
31	1.050	.945	.750
37	1.200	1.095	.900
51	1.550	1.445	1.250



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

TITLE
NANO METAL SHELL
SINGLE ROW RIGHT ANGLE
SURFACE MOUNT

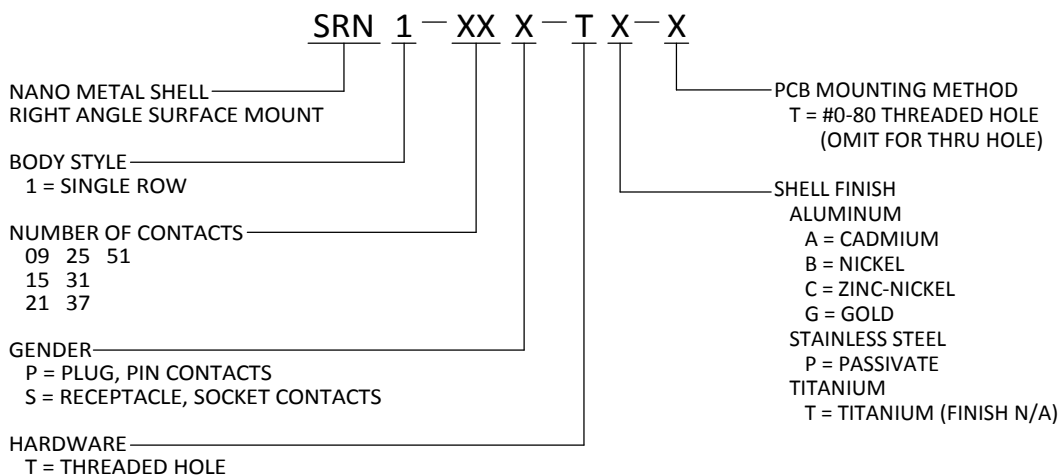
SHT 1 OF 4

DWG. NO.
SRN1

REV
F



NANO METAL SHELL SINGLE ROW RIGHT ANGLE SURFACE MOUNT



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

1. MATERIALS:

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

2. FINISH:

- SHELL - ELECTROLESS NICKEL, CADMIUM OVER ELECTROLESS NICKEL, OR PASSIVATE OR GOLD OR ZINC-NICKEL
- CONTACT - GOLD OVER NICKEL

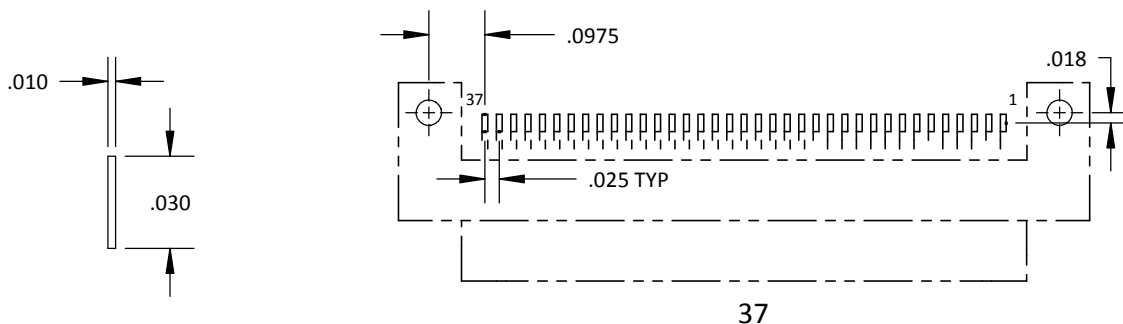
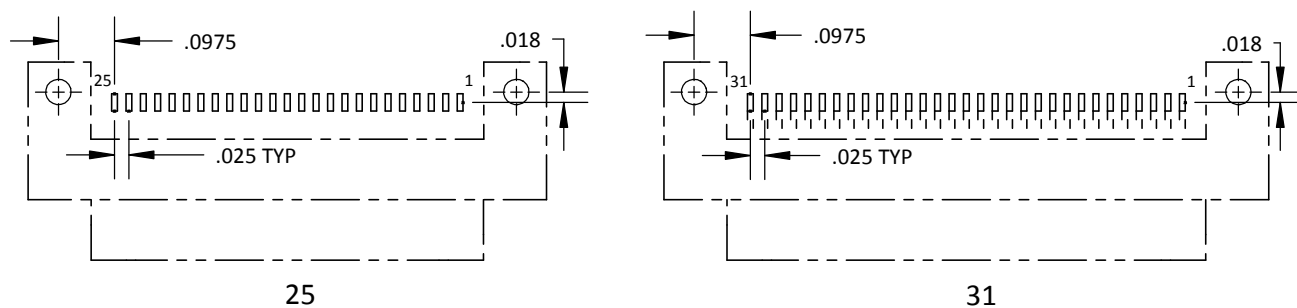
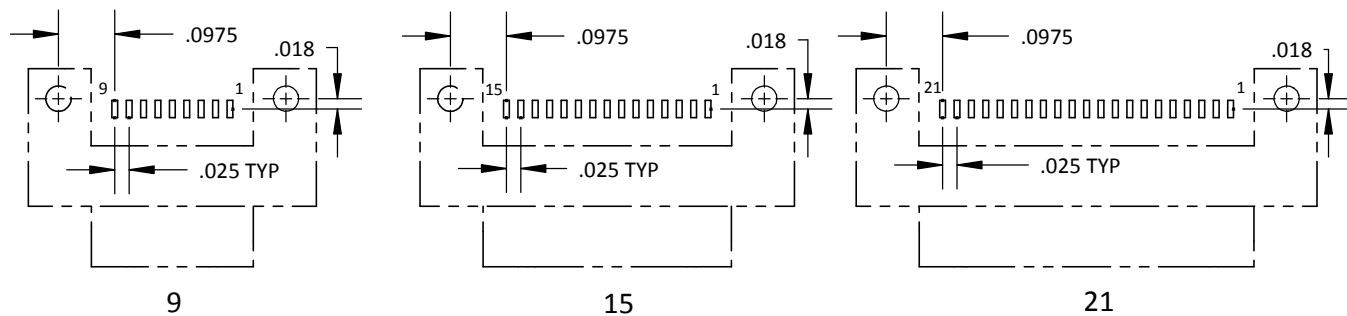
3. SPECIFICATIONS:

- 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

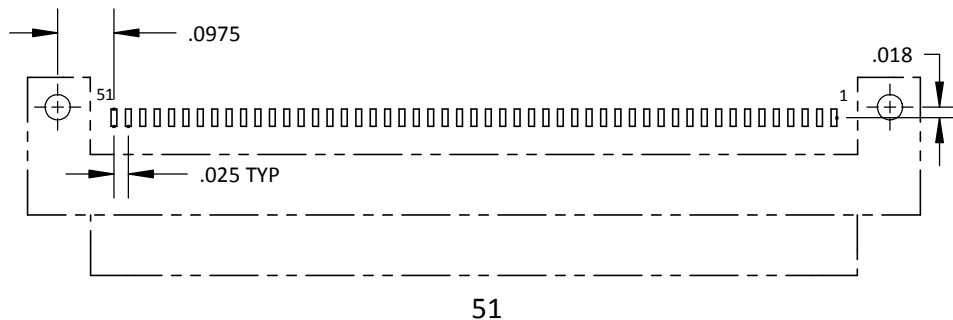
4. ADDITIONAL INFORMATION:

- FOR OTHER TERMINATIONS, CONTACT CRISTEK.
- 5. ALL LEADS 30 AWG (Ø .010 TYP) SOLID COPPER, HOT SOLDER DIPPED.

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE NANO METAL SHELL SINGLE ROW RIGHT ANGLE SURFACE MOUNT	SHT 2 OF 4	DWG. NO. SRN1	REV F
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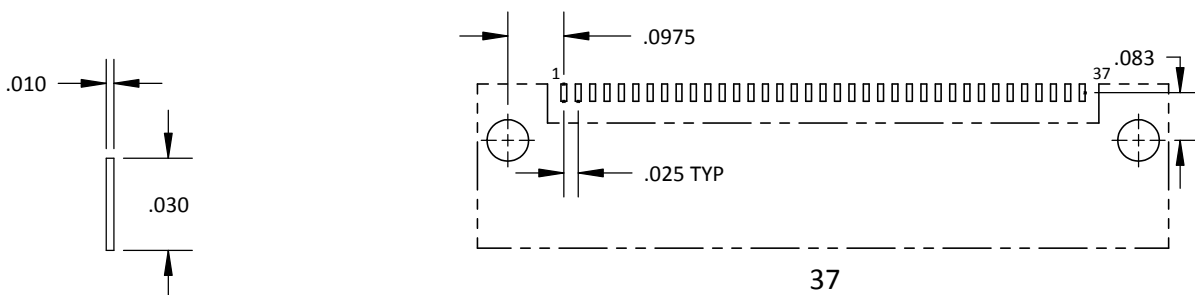
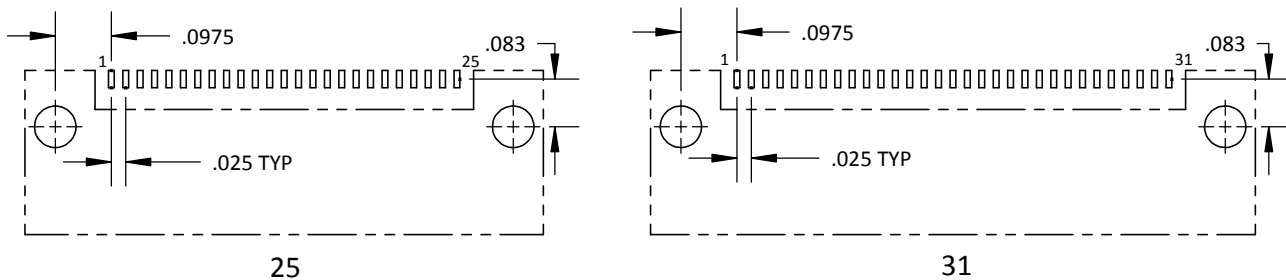
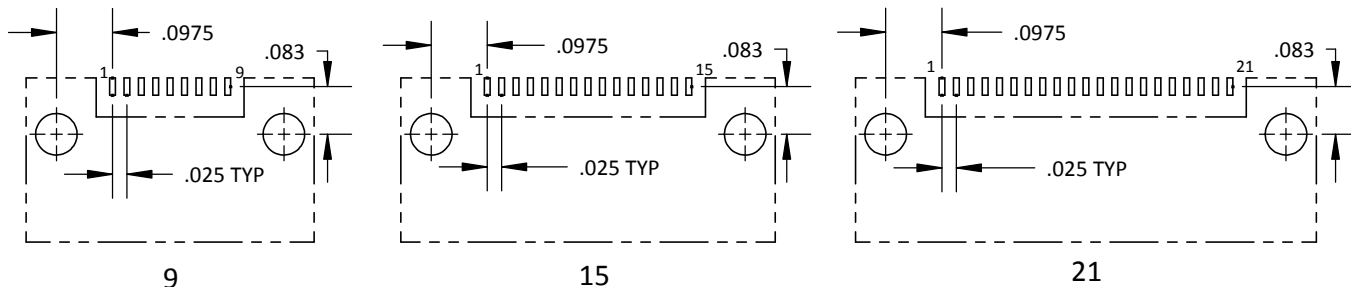


CONTACT FOOTPRINT LENGTH (TYPICAL)

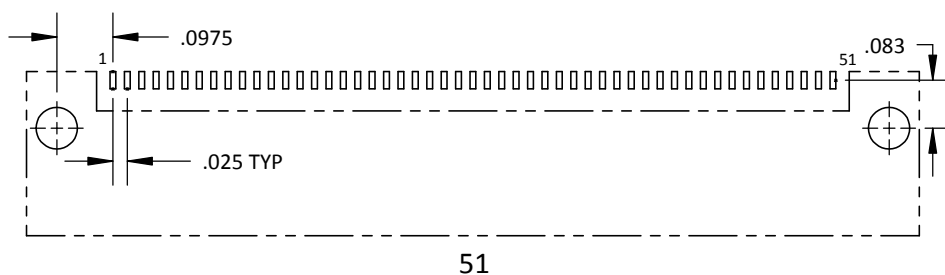


SRN1 PLUG PCB CONTACT FOOTPRINT

<p>TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°</p>	<p>TITLE NANO METAL SHELL SINGLE ROW RIGHT ANGLE SURFACE MOUNT</p>	<p>SHT 3 OF 4</p>	<p>DWG. NO. SRN1</p>	<p>REV F</p>
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CONTACT FOOTPRINT LENGTH (TYPICAL)



SRN1 RECEPTACLE PCB CONTACT FOOTPRINT

<p>TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°</p>	<p>TITLE NANO METAL SHELL SINGLE ROW RIGHT ANGLE SURFACE MOUNT</p>	<p>SHT 4 OF 4</p>	<p>DWG. NO. SRN1</p>	<p>REV F</p>
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