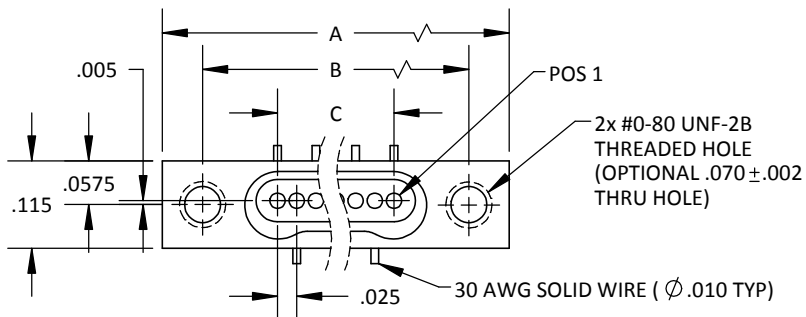
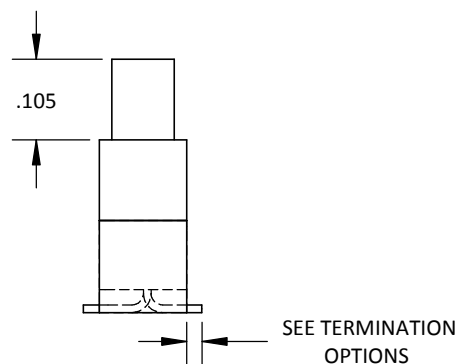
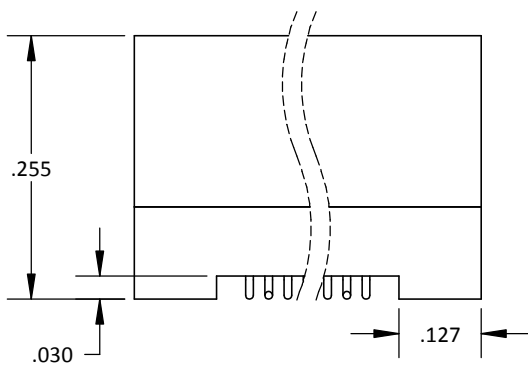


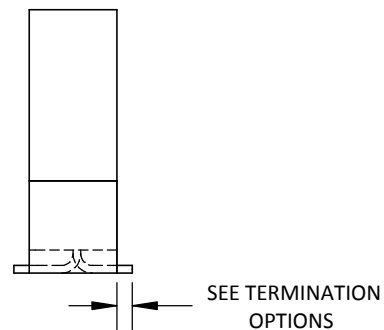
PLUG



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



RECEPTACLE



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

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

TITLE
NANO METAL SHELL
SINGLE ROW VERTICAL
SURFACE MOUNT

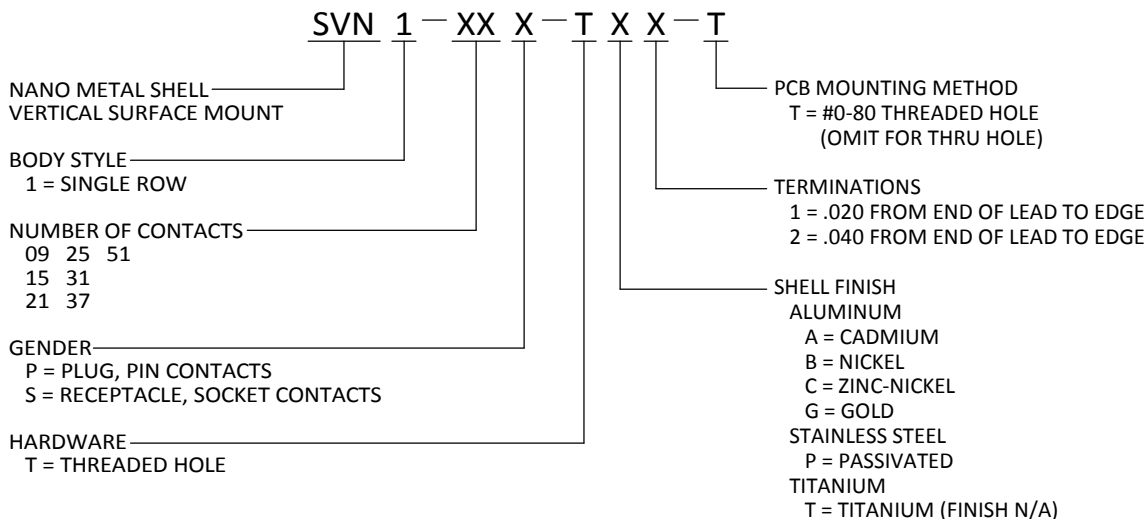
SHT 1 OF 4

DWG. NO.
SVN1

REV
F



NANO METAL SHELL SINGLE ROW VERTICAL 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 OR CADMIUM OVER ELECTROLESS NICKEL OR PASSIVATE OR GOLD OR ZINC-NICKEL
- CONTACT - GOLD OVER NICKEL
- WIRES - HOT SOLDER DIPPED

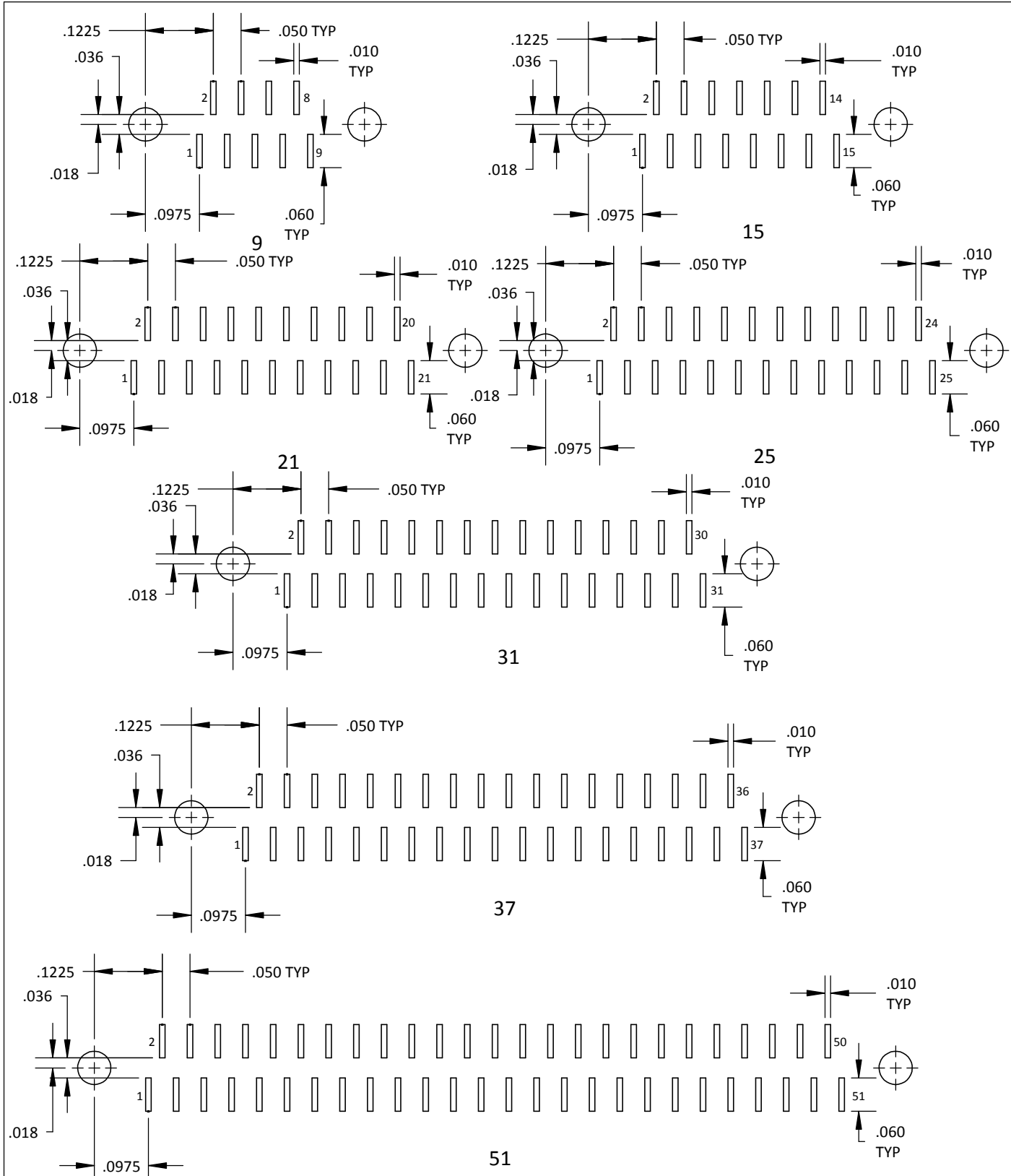
3. SPECIFICATIONS:

- 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:

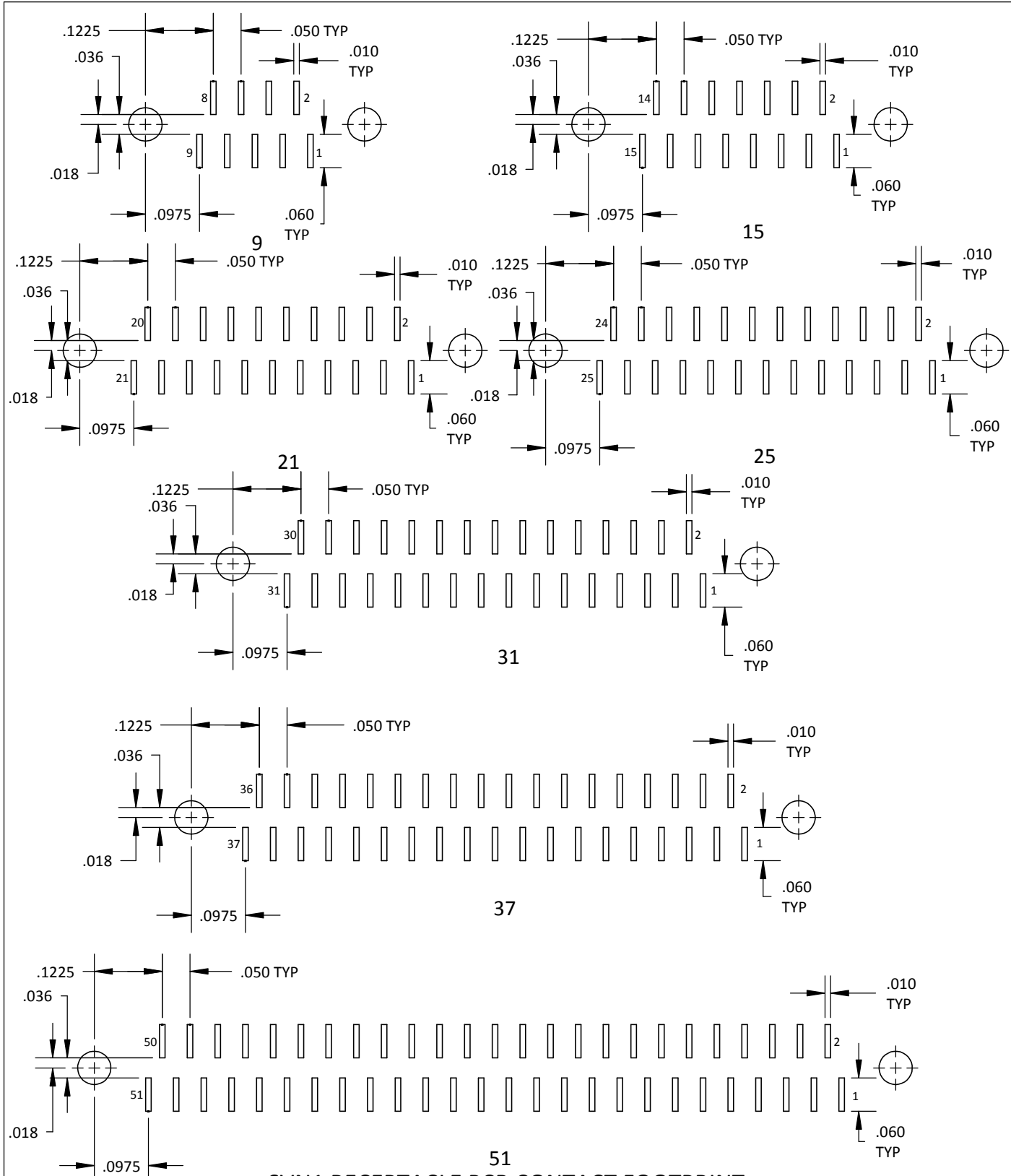
FOR OTHER TERMINATIONS, CONTACT CRISTEK.

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE NANO METAL SHELL SINGLE ROW VERTICAL SURFACE MOUNT	SHT 2 OF 4	DWG. NO. SVN1	REV F
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51
SVN1 PLUG PCB CONTACT FOOTPRINT
CONTACT FOOTPRINT LENGTHS (TYPICAL)
 (MEASUREMENT SHOWN FROM CENTER OF CONNECTOR TO
 LEAD END AND IS FOR .020 LEAD TO EDGE OPTION)

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE NANO METAL SHELL SINGLE ROW VERTICAL SURFACE MOUNT	SHT 3 OF 4	DWG. NO. SVN1	REV F
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SVN1 RECEPTACLE PCB CONTACT FOOTPRINT
CONTACT FOOTPRINT LENGTHS (TYPICAL)
 (MEASUREMENT SHOWN FROM CENTER OF CONNECTOR TO LEAD END AND IS FOR .020 LEAD TO EDGE OPTION)

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE NANO METAL SHELL SINGLE ROW VERTICAL SURFACE MOUNT	SHT 4 OF 4	DWG. NO. SVN1	REV F
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