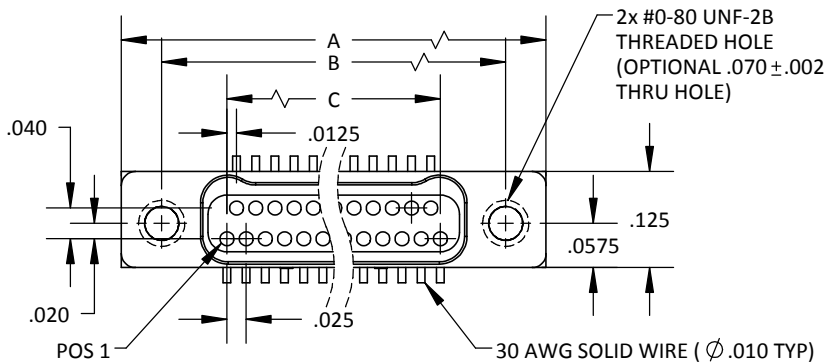
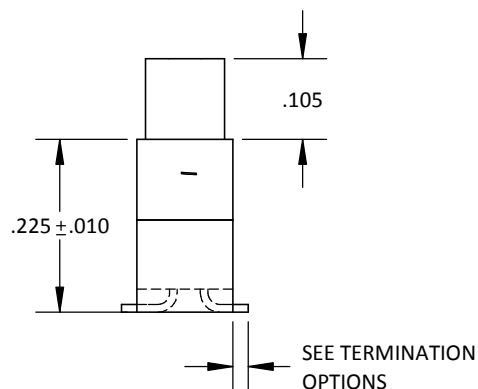
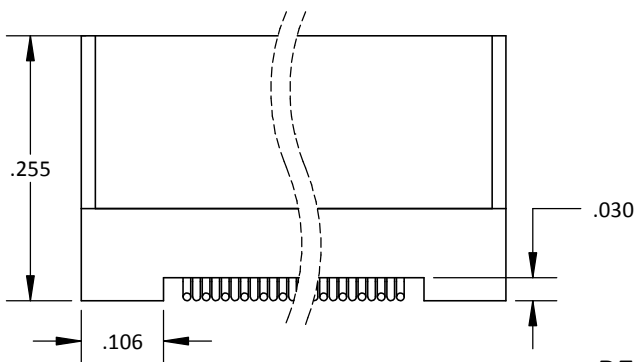


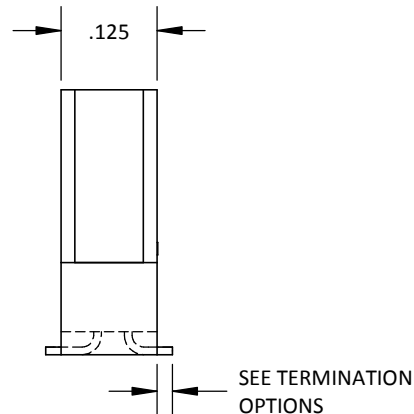
PLUG



NO. OF CONTACTS	A	B	C
9	.375	.270	.100
15	.450	.345	.175
21	.525	.420	.250
25	.575	.470	.300
31	.650	.545	.375
37	.725	.620	.450
51	.900	.795	.625
65	1.075	.970	.800
69	1.125	1.020	.850
85	1.377	1.246	1.050
91	1.452	1.321	1.125



RECEPTACLE



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

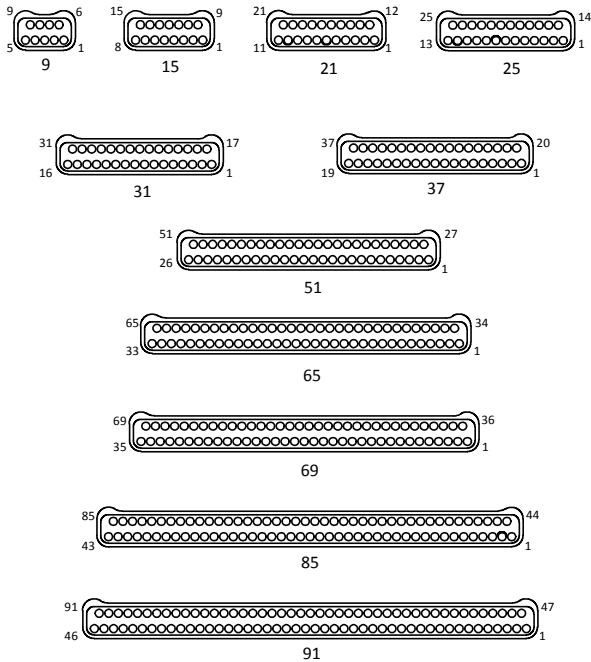
TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE
NANO METAL SHELL
DUAL ROW VERTICAL
SURFACE MOUNT

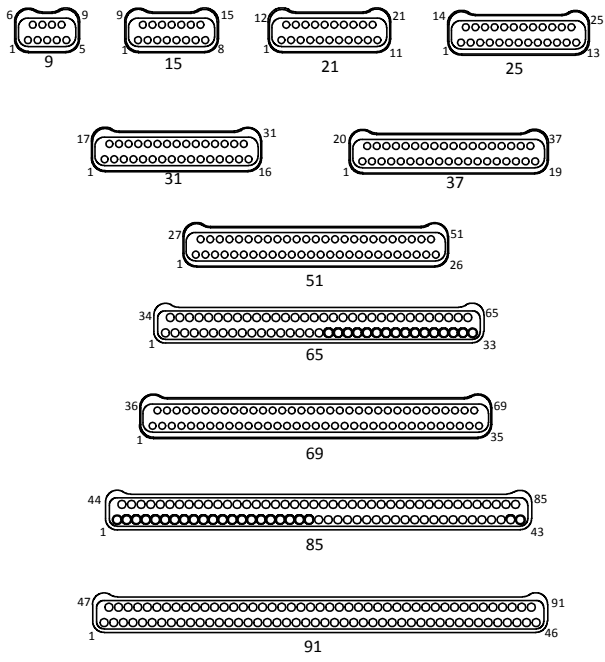
SHT 1 OF 4

DWG. NO.
SVN2

REV
F



PLUG FACE



RECEPTACLE FACE

SVN 2 - XX X - T X X - T

NANO METAL SHELL
VERTICAL SURFACE MOUNT

BODY STYLE
2 = DUAL ROW

NUMBER OF CONTACTS
09 25 51 85
15 31 65 91
21 37 69

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

HARDWARE
T = THREADED HOLE

PCB MOUNTING METHOD
T = #0-80 THREADED HOLE
(OMIT FOR THRU HOLE)

TERMINATIONS
1 = .020 FROM END OF LEAD TO EDGE
2 = .040 FROM END OF LEAD TO EDGE

SHELL 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 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.
- 5. SIZE 85 & 91 HARDWARE IS #2-56

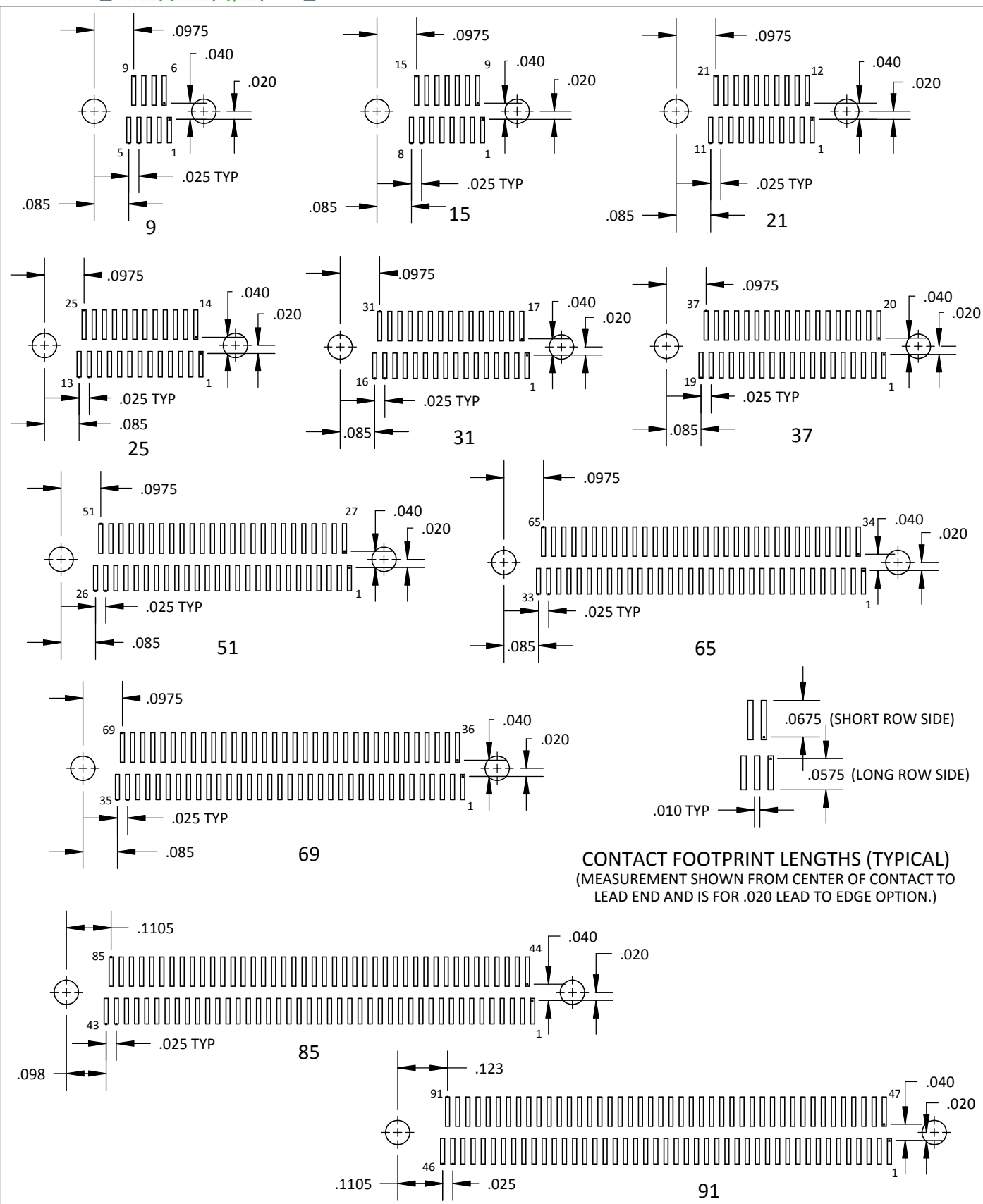
TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE
NANO METAL SHELL
DUAL ROW VERTICAL
SURFACE MOUNT

SHT 2 OF 4

DWG. NO.
SVN2

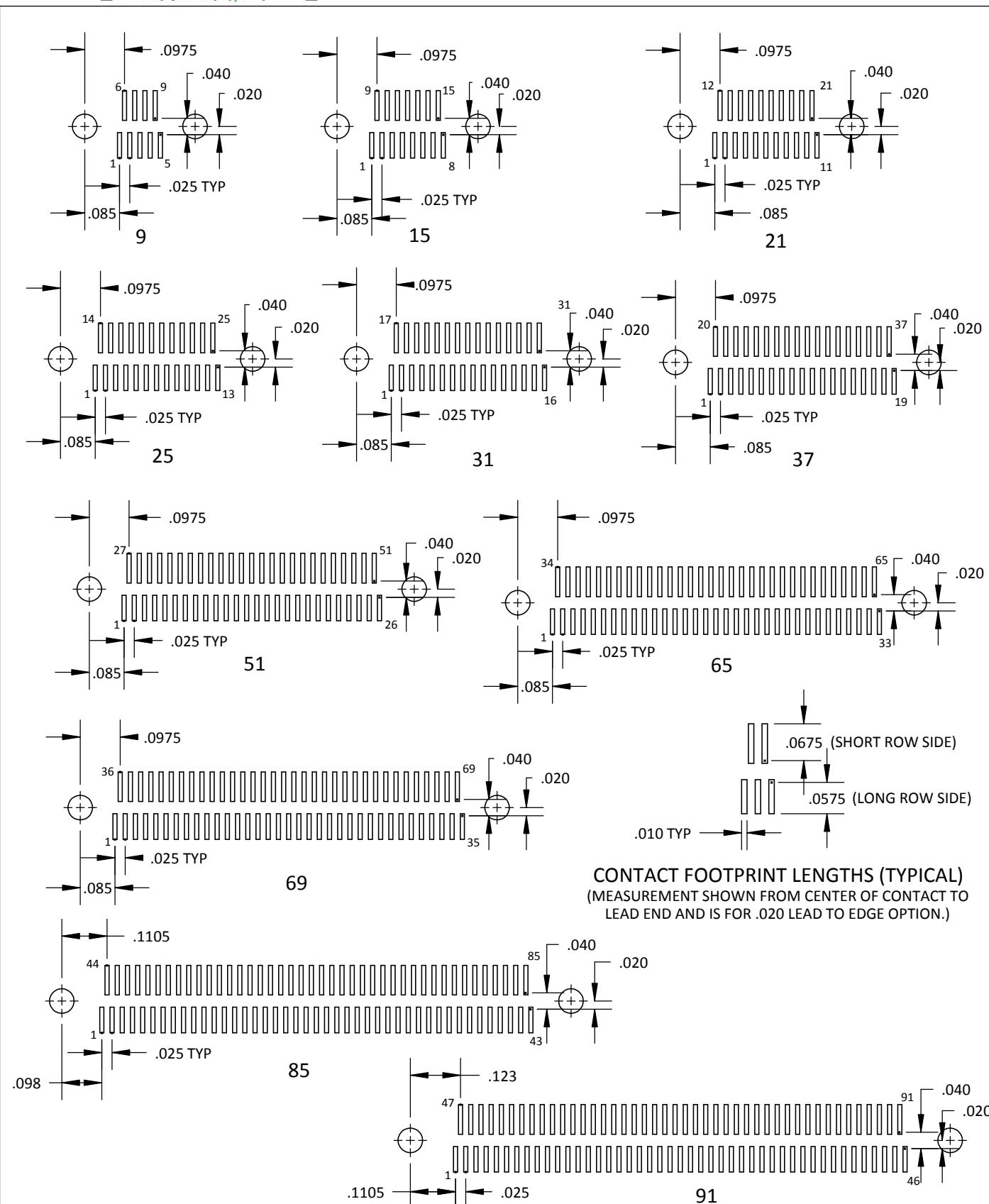
REV
F



CONTACT FOOTPRINT LENGTHS (TYPICAL)
 (MEASUREMENT SHOWN FROM CENTER OF CONTACT TO LEAD END AND IS FOR .020 LEAD TO EDGE OPTION.)

SVN2 PLUG CONTACT FOOTPRINT

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE NANO METAL SHELL DUAL ROW VERTICAL SURFACE MOUNT	SHT 3 OF 4	DWG. NO. SVN2	REV F
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CONTACT FOOTPRINT LENGTHS (TYPICAL)
 (MEASUREMENT SHOWN FROM CENTER OF CONTACT TO LEAD END AND IS FOR .020 LEAD TO EDGE OPTION.)

SVN2 RECEPTACLE CONTACT FOOTPRINT

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE NANO METAL SHELL DUAL ROW VERTICAL SURFACE MOUNT	SHT 4 OF 4	DWG. NO. SVN2	REV F
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