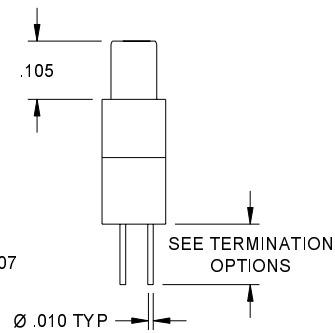
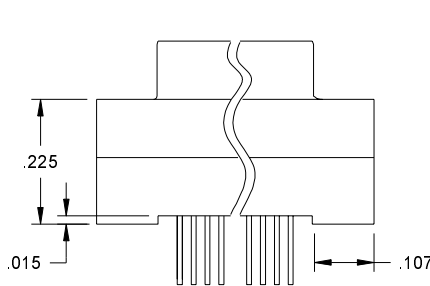
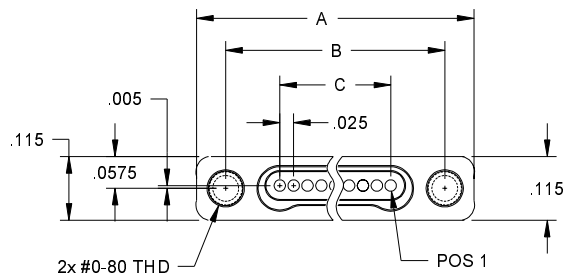


PLUG



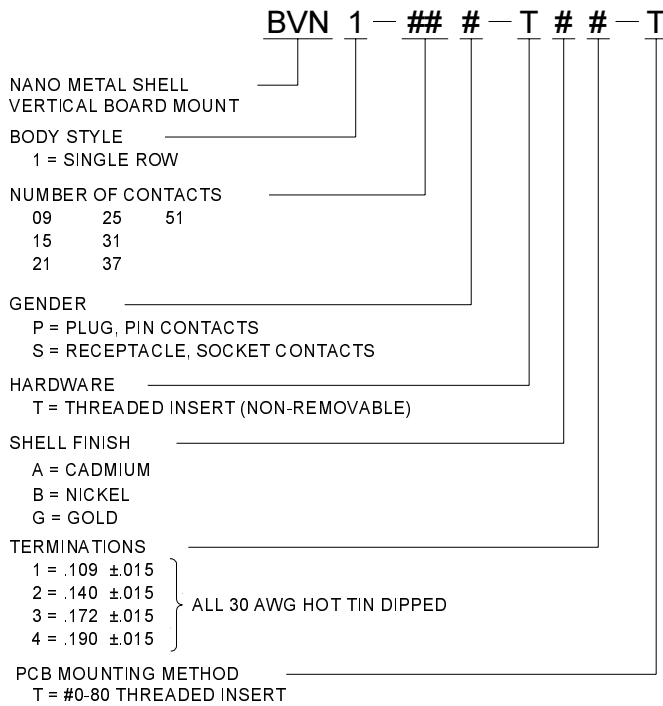
RECEPTACLE

NO. OF CONTACTS	A	B	C MAX
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

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

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	NANO METAL SHELL SINGLE ROW VERTICAL BOARD MOUNT			DWG. NO.	BVN1	
	FILENAME	ADS-BVN1-1	CODE IDENT NO.	67720	SHT	1 OF 4	REV
			TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°				

2.2 NANO CONNECTORS / MOTS



1. MATERIALS:

SHELL - ALUMINUM PER QQ-A-200/8, QQ-A-250/11, OR QQ-A-591
INSULATOR - LIQUID CRYSTAL POLYMER OR POLYPHENYLENE
SULFIDE PER MIL-M-24519
CONTACT - BERYLLIUM COPPER

2. FINISH:

SHELL - CADMIUM PER QQ-P-416, TYPE II, CLASS 3 OVER
ELECTROLESS NICKEL PER AMS 2404
OR ELECTROLESS NICKEL PER AMS 2404.
CONTACT - GOLD PER MIL-G-45204, TYPE II, GRADE C,
CLASS I OVER NICKEL PER QQ-N-290.

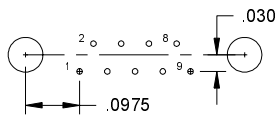
3. SPECIFICATIONS:

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 30 mV DROP @ 1 a, 10 mA
(BASED ON SOLID WIRE)
CONTACT RETENTION 2 LBS AXIAL LOAD
ENGAGEMENT FORCE 5 oz MAX
SEPARATION FORCE 0.4 oz MIN

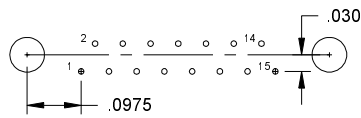
4. ADDITIONAL INFORMATION:

FOR OTHER TERMINATIONS, CONTACT CRISTEK.

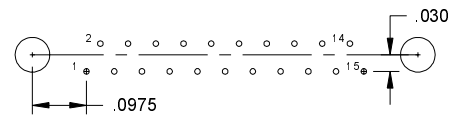
CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	FILENAME NANO METAL SHELL SINGLE ROW VERTICAL BOARD MOUNT	DWG. NO. BVN1		
	DWG. NO. ADS-BVN1-2	CODE IDENT NO. 67720	SHT 2 OF 4	REV A
		TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°		



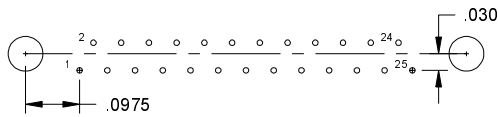
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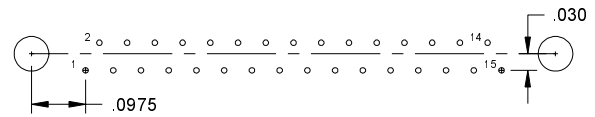
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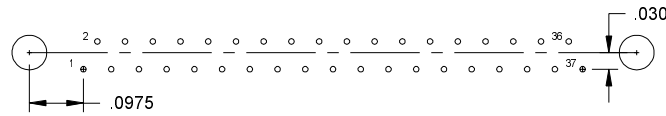
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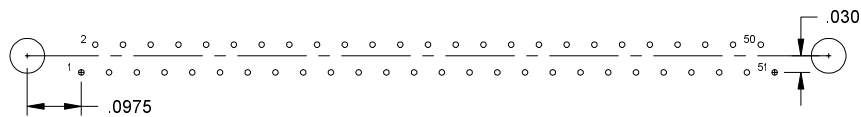
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31



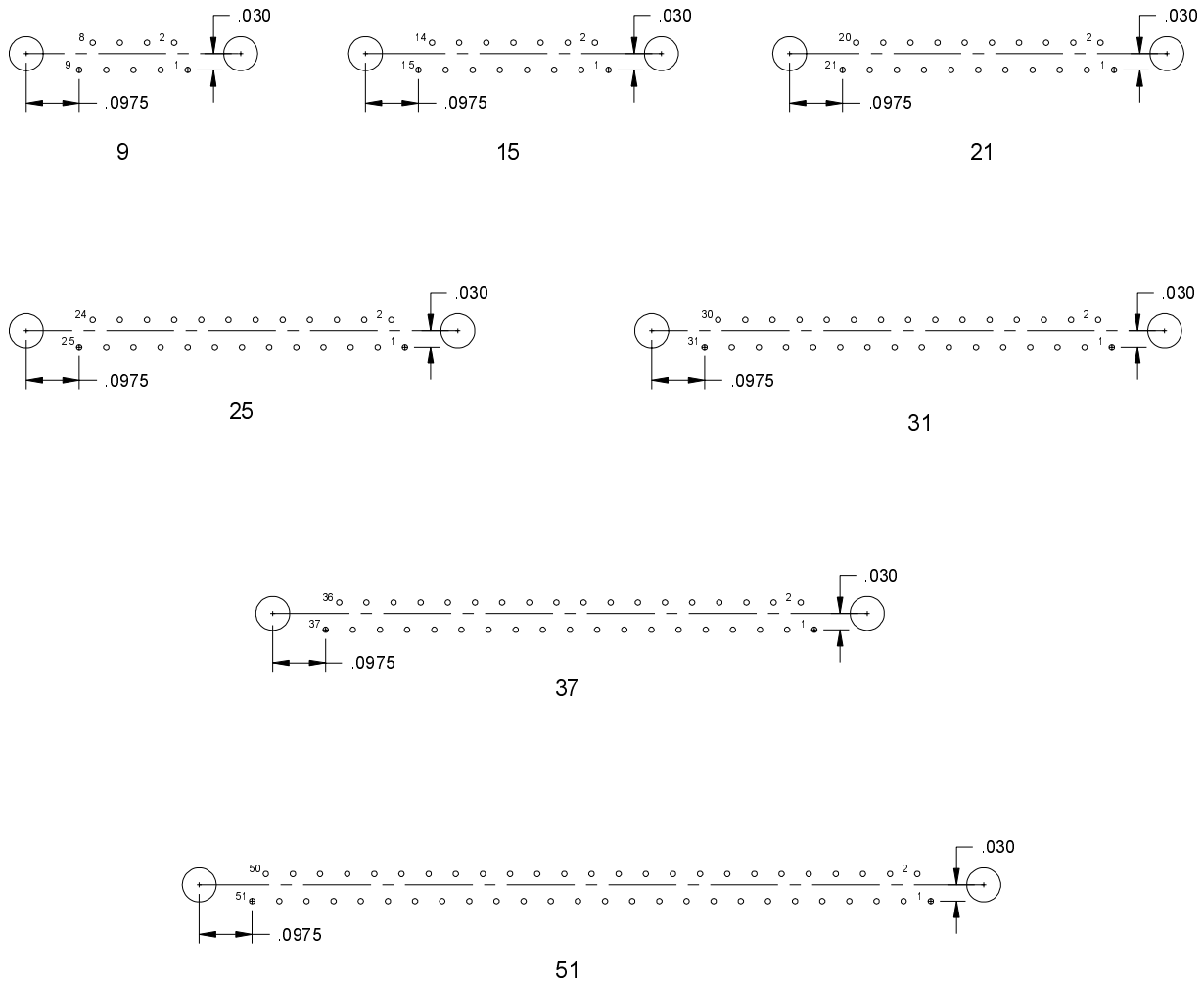
37



51

BVN1 PLUG PCB LAYOUTS (BOTTOM VIEW OF RECEPTACLE)
 .050 X .050 GRID PATTERN OFFSET .025

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	DWG. NO. BVN1			
		NANO METAL SHELL SINGLE ROW VERTICAL BOARD MOUNT	CODE IDENT NO. 67720	SHT 3 OF 4	REV A
	FILENAME	ADS-BVN1-3	TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°		



BVN1 RECEPTACLE PCB LAYOUTS (BOTTOM VIEW OF PLUG)
 .050 X .050 GRID PATTERN OFFSET .025

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	DWG. NO.		
	NANO METAL SHELL SINGLE ROW VERTICAL BOARD MOUNT	BVN1		REV
		FILENAME	CODE IDENT NO. 67720	SHT 4 OF 4
ADS-BVN1-4	TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°			