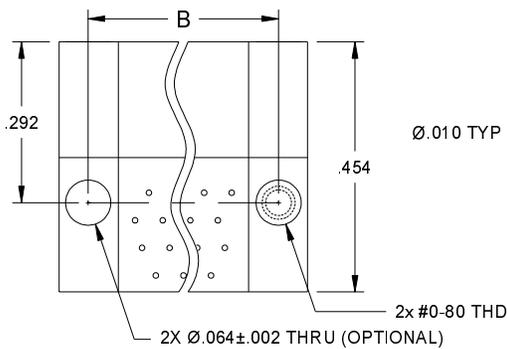
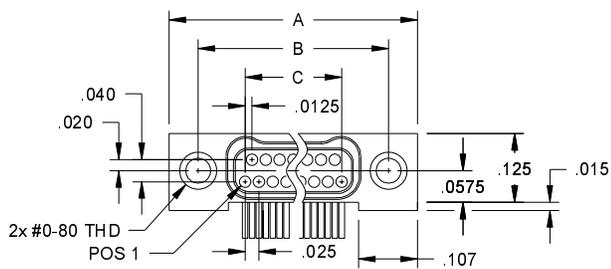
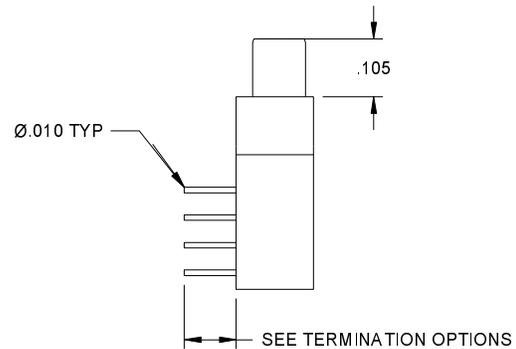
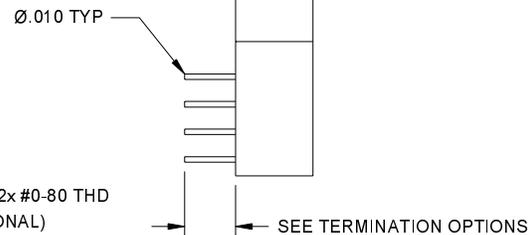


PLUG



RECEPTACLE

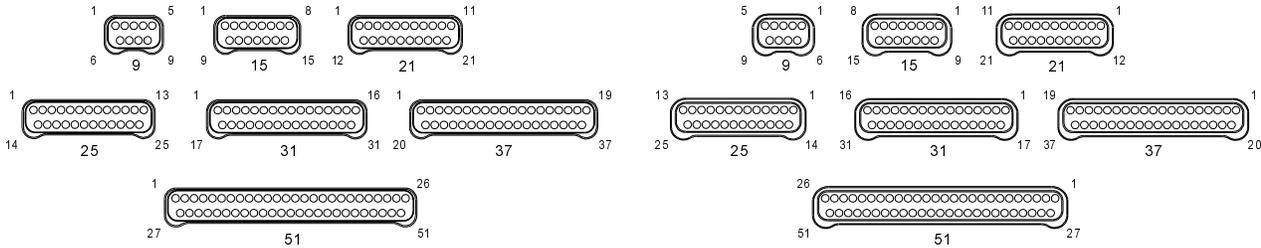


NO. OF CONTACTS	A	B	C MAX
9	.375	.270	.100
15	.450	.345	.175
21	.525	.420	.250
25	.575	.470	.300
31	.650	.545	.375
37	.725	.620	.450
51	.900	.795	.625

(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 DUAL ROW RIGHT ANGLE BOARD MOUNT			DWG. NO.	BRN2	
	FILENAME	ADS-BRN2-1			CODE IDENT NO. 67720	SHT 1 OF 4	REV A
						TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	

2.2 NANO CONNECTORS / MOTS



PLUG FACE

RECEPTACLE FACE

BRN 2 - ## # - T # # - #

NANO METAL SHELL
RIGHT ANGLE BOARD MOUNT

BODY STYLE
2 = DUAL ROW

NUMBER OF CONTACTS
09 25 51
15 31
21 37

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

HARDWARE
T = THREADED INSERT (NON-REMOVABLE)

SHELL FINISH
A = CADMIUM
B = NICKEL
G = GOLD

TERMINATIONS
1 = .109 ±.015
2 = .140 ±.015
3 = .172 ±.015
4 = .190 ±.015
} ALL 30 AWG HOT TIN DIPPED

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

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.

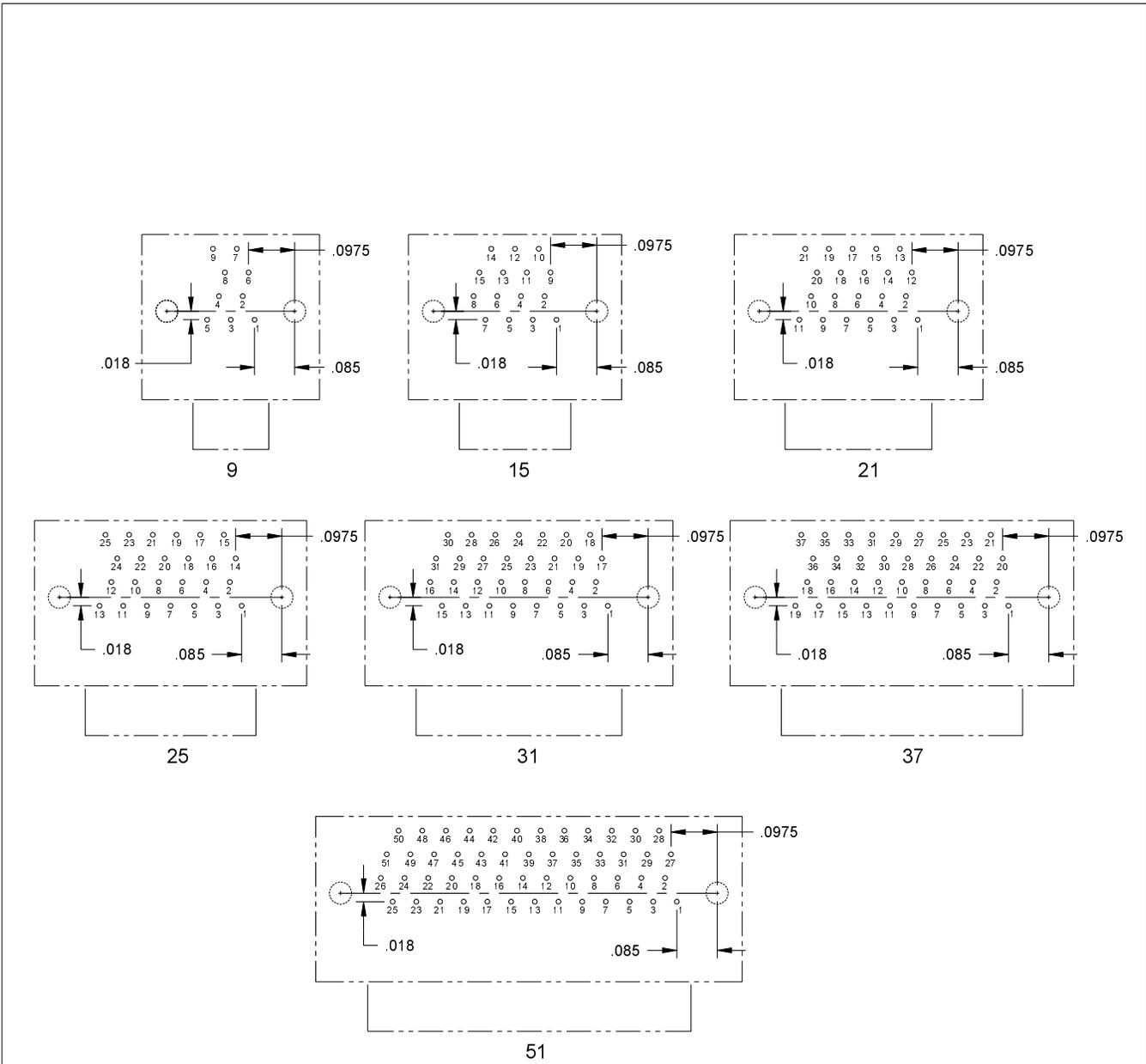
3. SPECIFICATIONS:

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:

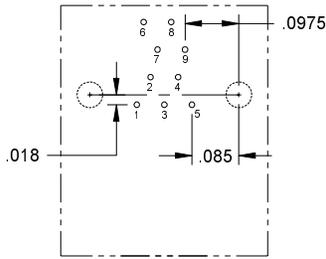
FOR OTHER TERMINATIONS, CONTACT CRISTEK.

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 DUAL ROW RIGHT ANGLE BOARD MOUNT	DWG. NO. BRN2		
	DWG. NO. ADS-BRN2-2	CODE IDENT NO. 67720	SHT 2 OF 4	REV A
		TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°		

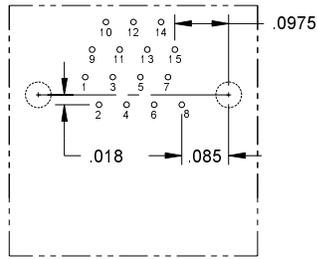


BRN2 PLUG PCB LAYOUTS (BOTTOM VIEW OF RECEPTACLE)
 .050 X .050 GRID PATTERN OFFSET .025 (EACH ROW)

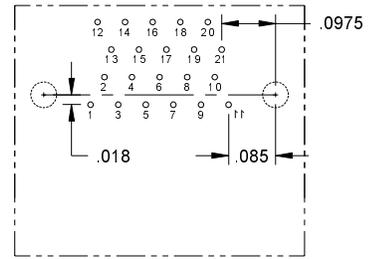
CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	DWG. NO. BRN2		
		CODE IDENT NO. 67720		REV A
	FILENAME	SHT 3 OF 4		TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°
	NANO METAL SHELL DUAL ROW RIGHT ANGLE BOARD MOUNT			
	ADS-BRN2-3			



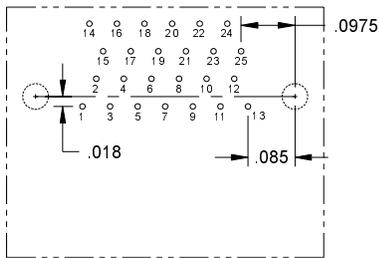
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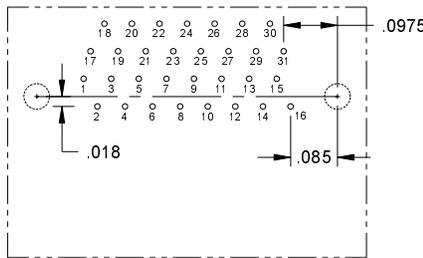
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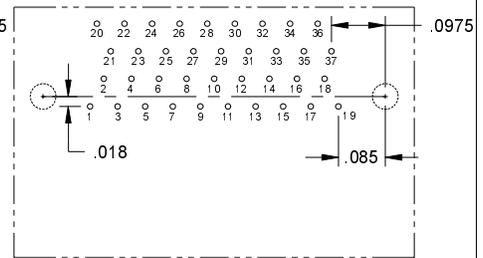
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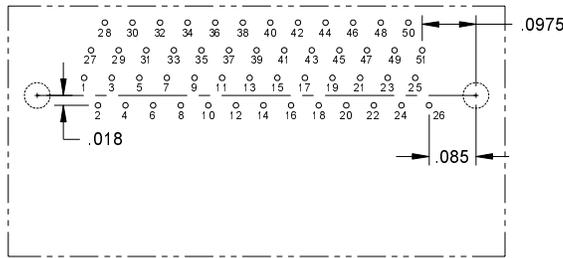
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31



37



51

BRN2 RECEPTACLE PCB LAYOUTS (BOTTOM VIEW OF PLUG)
 .050 X .050 GRID PATTERN OFFSET .025 (EACH ROW)

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	DWG. NO. BRN2			
	NANO METAL SHELL DUAL ROW RIGHT ANGLE BOARD MOUNT		CODE IDENT NO. 67720	SHT 4 OF 4	REV A
	FILENAME	ADS-BRN2-4		TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	