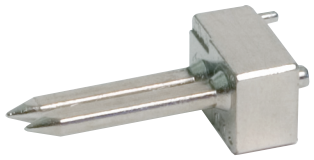
chanhvinh.com



CN *ATCA*® Inject / Eject Mechanism

Alignment keying modules

- **CN-80 robust design passes the NEBS drop test**
- **Multiple pin positions ensure proper board mating**

Material and Finish

Dual pin CN68 and CN78:
Zinc alloy, nickel plated

Dual pin CN80:
Zinc alloy, hardened steel, nickel plated

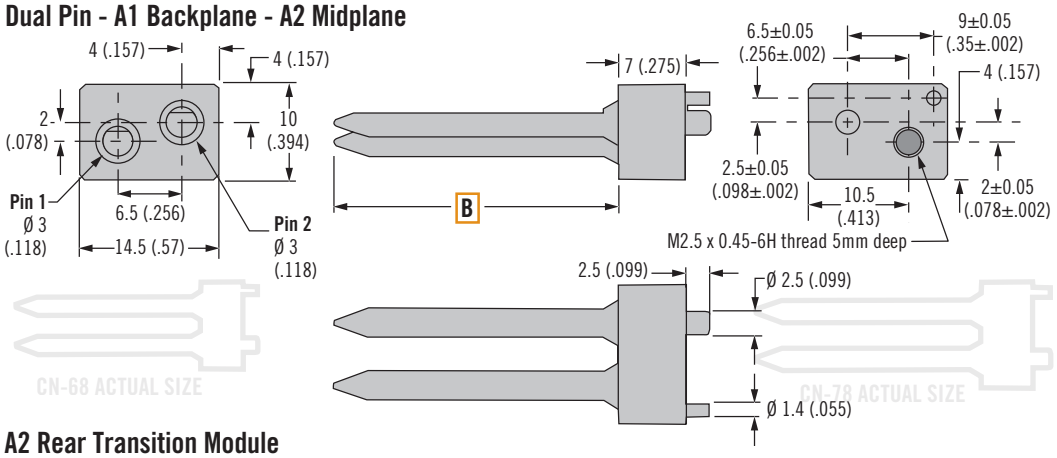
Single pin:
Brass, nickel plated

Notes

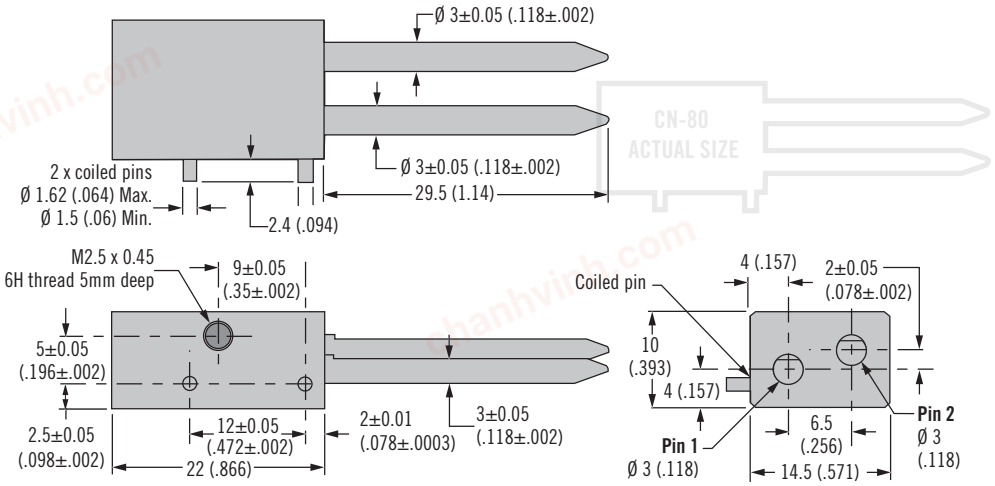
Keying module rotation position must mate with receptacle module rotation position

ATCA is a registered trademark of PICMG® - PCI Industrial Computer Manufacturers Group, Inc.

Dual Pin - A1 Backplane - A2 Midplane



A2 Rear Transition Module



Dual Pin Part Number

CN - B - X - Y

B Pin length
68 A1 backplane 22.5 (.885)
78 A2 midplane 29.5 (1.16)

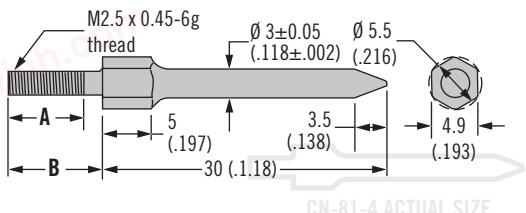
X Pin 1 Position
Y Pin 2 Position

X Pin 1 Position / Y Pin 2 Position	Rotation	Keying Position
1	0°	
2	45°	
3	90°	
4	135°	
5	180°	
6	225°	
7	270°	
8	315°	

A2 Rear Transition Module Part Number

CN - 80 - X - Y

Single Pin - A1 Backplane



Single Pin Part Number	A	B
CN-81-4	4 (.157)	6 (.236)
CN-81-6	6 (.236)	8 (.315)
CN-81-8	8 (.315)	10 (.394)

Dimensions in millimeters (inch) unless otherwise stated

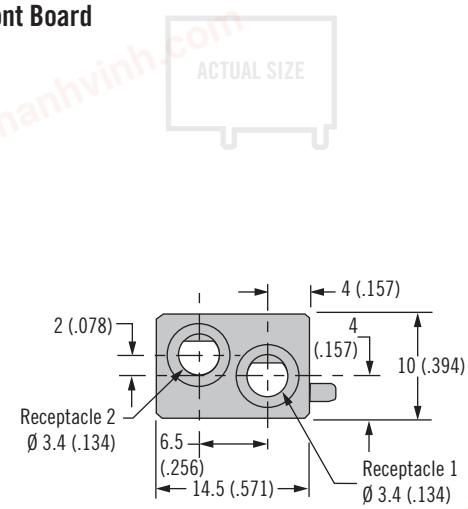
chanhvinh.com

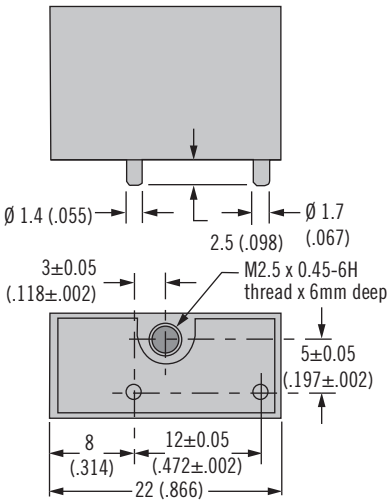
CN *ATCA*® Inject / Eject Mechanism

Alignment receptacle modules



K1 - K2 Front Board

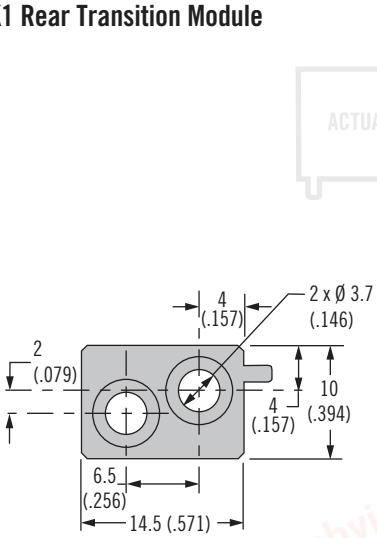


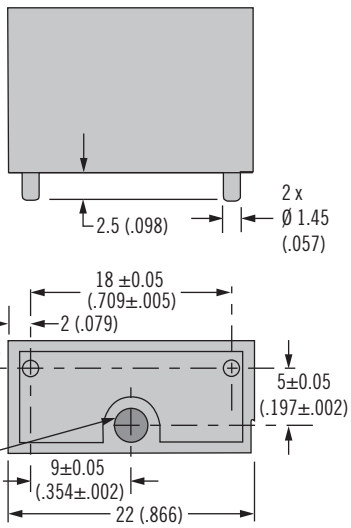


CN - 69 - X - Y

X Receptacle 1 Position Y Receptacle 2 Position	Rotation	Receptacle Position
1	0°	
2	45°	
3	90°	
4	135°	
5	180°	
6	225°	
7	270°	
8	315°	
9	N/A	
0	N/A	

rK1 Rear Transition Module





Part Number
CN-79

- **Mates with pins**

Material and Finish

Zinc alloy, nickel plated

Notes

Receptacle module rotation position must mate with keying module rotation position

ATCA is a registered trademark of PICMG® - PCI Industrial Computer Manufacturers Group, Inc.