

INTRODUCTION:

Adam Tech PCE & PCD Series receptacles are PCB mounted sockets that have integral PC Board hooks which wrap around the edge of the PCB for added stability. They are made with three mounting and mating configurations which include Top, Bottom & Side entry. Offered in pitches of .100" & .156" they contain a high reliability contact system that offers superior connectivity through a set of long, wide, precision stamped contacts which provide ample contact pressure with a smooth wiping action.

FEATURES:

- .100" & .156" Centerlines
- Hooks for stability to PCB
- High normal force contacts
- Low insertion force
- Three mounting orientation options

MATING HEADERS:

Adam Tech PH & LHB headers and all industry standard .100" and .156" pitch pin headers with a .025" or .045" square or round pins

SPECIFICATIONS:

Material:

Insulator: Nylon 66, rated UL94V-0
Insulator Color: Natural
Contacts: Phosphor Bronze

Contact Plating:

Tin over copper underplate overall

Electrical:

Operating voltage: 250V AC max.
Current rating: .100 pitch: 3 Amp max.
.156 pitch: 7 Amps max.
Contact resistance: 10 mΩ max. Initial
Insulation resistance: 1000 MΩ min.
Dielectric withstanding voltage: 1500V AC for 1 minute

Mechanical:

Insertion force: 0.375 lbs max
Withdrawal force: 0.187 lbs min.
Recommended PCB Thickness: 0.063" (1.6mm)

Temperature Rating:

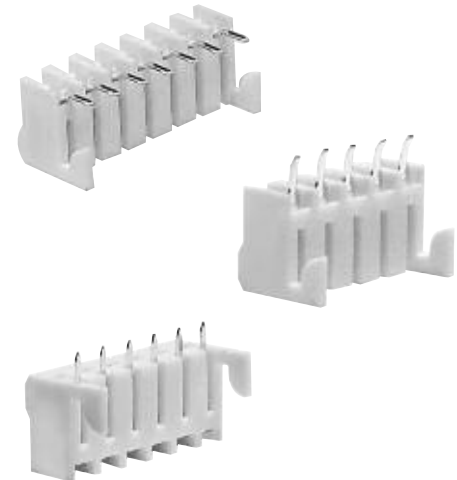
Operating temperature: -40°C to +105°C

PACKAGING:

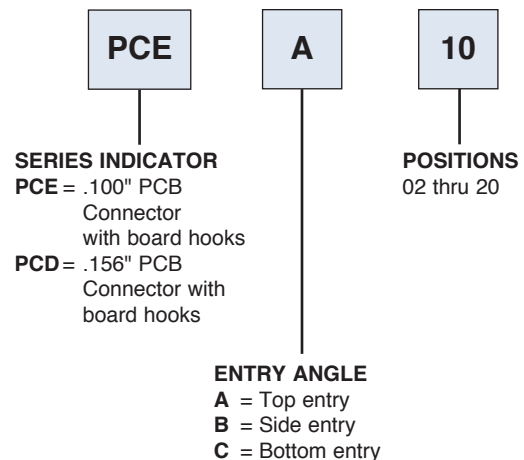
Anti-ESD plastic trays

SAFETY AGENCY APPROVALS:

UL Recognized & CSA Certified, File no. E224053



ORDERING INFORMATION

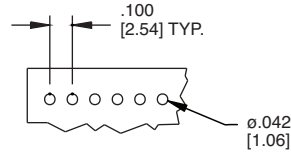
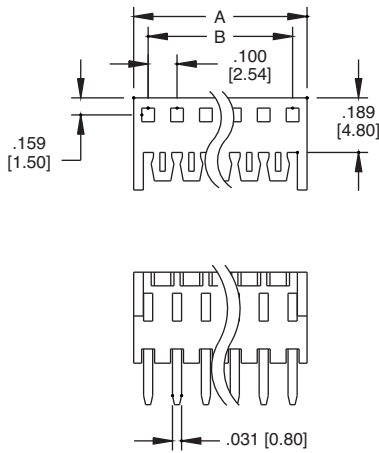


OPTIONS

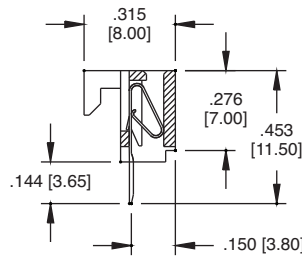
Add designator(s) to end of part number
NH = No Board hooks



PCE-A



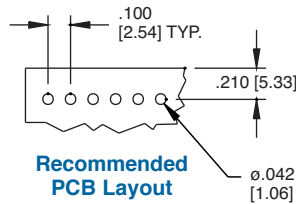
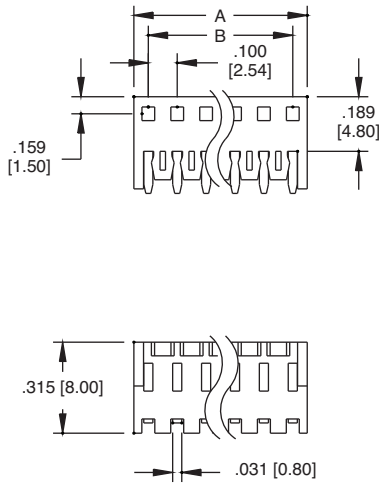
Recommended PCB Layout



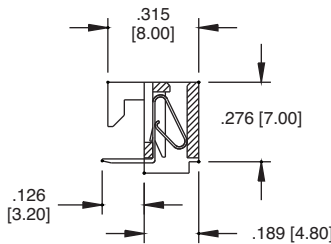
**Top Entry
PCE-A-05**

A = .100 [2.54] x No. of Positions
B = .100 [2.54] x No. of Spaces

PCE-B



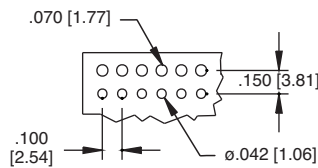
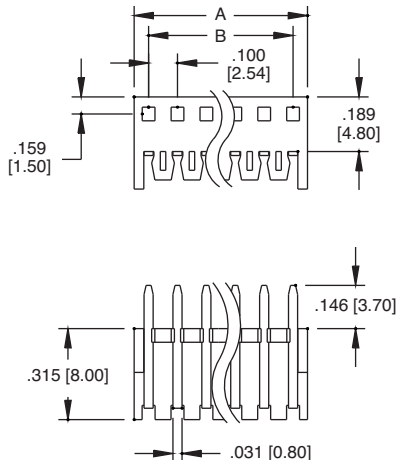
Recommended PCB Layout



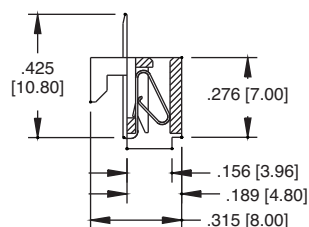
**Side Entry
PCE-B-07**

A = .100 [2.54] x No. of Positions
B = .100 [2.54] x No. of Spaces

PCE-C



Recommended PCB Layout



**Bottom Entry
PCE-C-06**

A = .100 [2.54] x No. of Positions
B = .100 [2.54] x No. of Spaces

	<p>Recommended PCB Layout</p>	<p>PCD-A</p> <p>Top Entry PCD-A-05</p> <p>A = .156 [3.96] x No. of Positions B = .156 [3.96] x No. of Spaces</p>
	<p>Recommended PCB Layout</p>	<p>PCD-B</p> <p>Side Entry PCD-B-07</p> <p>A = .156 [3.96] x No. of Positions B = .156 [3.96] x No. of Spaces</p>
	<p>Recommended PCB Layout</p>	<p>PCD-C</p> <p>Bottom Entry PCD-C-06</p> <p>A = .156 [3.96] x No. of Positions B = .156 [3.96] x No. of Spaces</p>