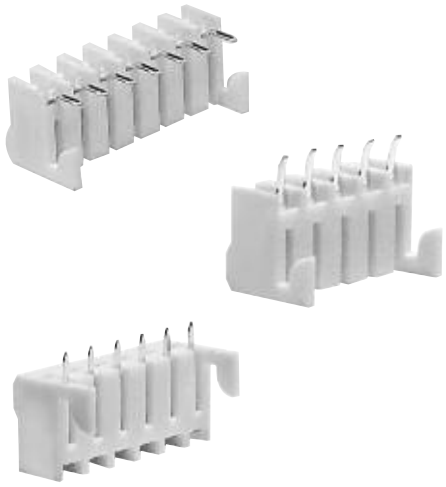
ADAM TECH
Adam Technologies, Inc.

# .100" & .156" RECEPTACLE WITH BOARD HOOKS

## .100" & .156" CENTERLINE

PCE SERIES



**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

| PCE | A | 10 |
|---|---|---|

**SERIES INDICATOR**
**PCE** = .100" PCB Connector with board hooks
**PCD** = .156" PCB Connector with board hooks

**ENTRY ANGLE**
**A** = Top entry
**B** = Side entry
**C** = Bottom entry

**POSITIONS**
02 thru 20

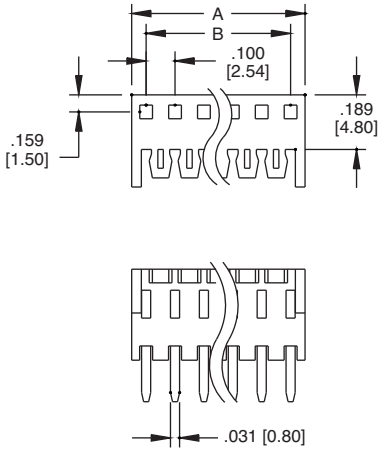
**OPTIONS**
Add designator(s) to end of part number
**NH** = No Board hooks

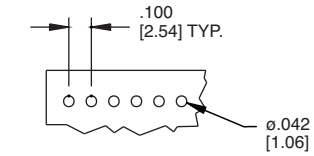

909 Rahway Avenue • Union, New Jersey 07083 • T: 908-687-5000 • F: 908-687-5710 • WWW.ADAM-TECH.COM

# .100" RECEPTACLE WITH BOARD HOOKS

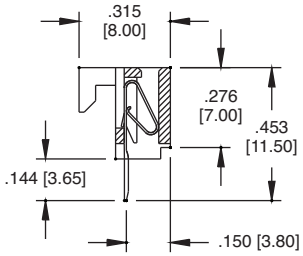
PCE SERIES

## PCE-A



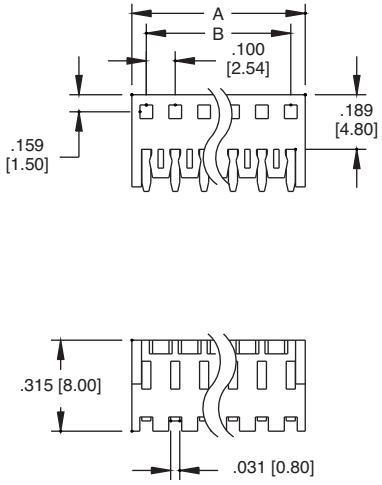

Recommended PCB Layout

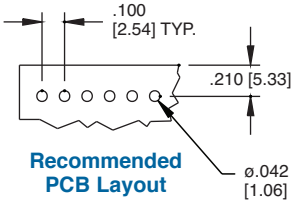



Top Entry
PCE-A-05

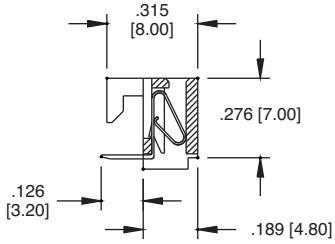
A = .100 [2.54] x No. of Positions
B = .100 [2.54] x No. of Spaces

## PCE-B



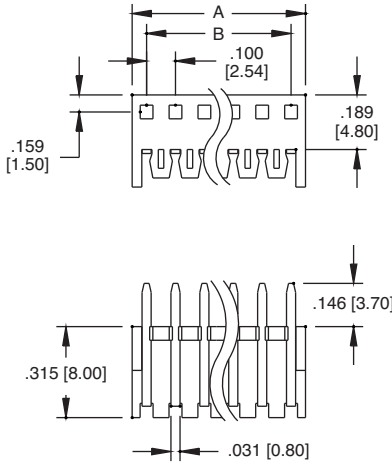

Recommended PCB Layout

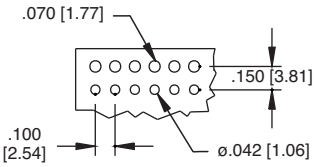



Side Entry
PCE-B-07

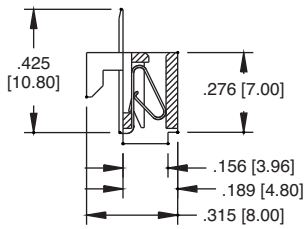
A = .100 [2.54] x No. of Positions
B = .100 [2.54] x No. of Spaces

## 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