PCI EXPRESS® CARD SOCKETS

SPECIFICATIONS
For complete specifications and recommended PCB layouts see www.samtec.com/PCIIE

- Insulator Material:
  - TH=Black Nylon
  - EMS2 & RA=LCP
- Contact: Phosphor Bronze
- Plating: Au or Sn over 50 µm (1.27 µm) Ni
- Current Rating: 2.2 A per pin
- (2 adjacent pins powered)
- Operating Temp: -55°C to +125°C
- Card Insertion Depth: (7.65 mm) .301" nominal
- RoHS Compliant: Yes
- Lead-Free Solderable:
  - RA & EMS2=Yes
  - TH=Wave only

Note: While optimized for 50 Ω applications, this connector with alternative signal/ground patterns may also perform well in certain 75 Ω applications. Contact Samtec for further information.

CABLE MATES:
- PCIE

Card Mates:
- (1.60 mm) .062" card

Also Available
- Other platings
- Contact Samtec.

RECOGNITIONS
For complete scope of recognitions see www.samtec.com/quality

OTHER SOLUTIONS
- Loop back Extender (From one PCIe® slot to another PCIe® slot)
- Ser-Des Physical Extender (From one PCIe® slot to another PCIe® Ser-Des)
- Physical Extender for easy troubleshooting of PCIe® card debug and analysis (PCIe® slot to Emulator or Analyzer)
- Contact Samtec.

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Note:
- Some lengths, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

All parts within this catalog are built to Samtec’s specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.