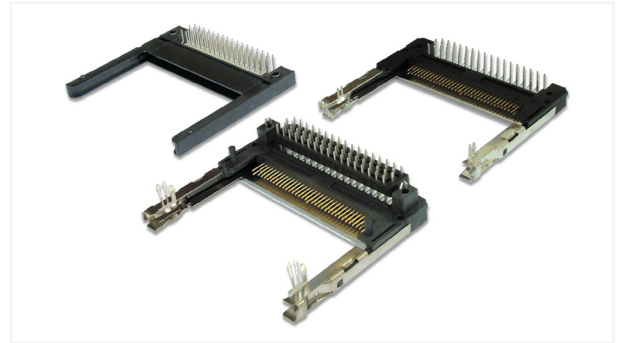


# SHORT BODY PCMCIA CONNECTORS

## OVERVIEW

FCI's short body PCMCIA header extends personal computer memory card application to set-top boxes and digital displays. Its short body design helps achieve excellent signal transmission. The lightweight design includes EMI and grounding options while saving valuable board real estate.

Like all FCI's PCMCIA products, the short body version complies to PCMCIA and RoHS standards.



## FEATURES & BENEFITS

- Enhanced metal cover enables EMI/ESD/grounding
- Customized standoffs allowed height adjustments
- Space saving and lightweight
- Meets both 5.0 and 3.3V requirements
- Non-eject style for static card designs

## TARGET MARKETS/APPLICATIONS

- Consumer
  - Set-top box
  - LCD TV



## TECHNICAL INFORMATION

### MATERIALS

- Contact: Copper alloy
- Contact area: Gold over nickel
- Solder tail area: Pure tin over nickel
- Cover: Metal steel
- Housing: High temperature thermal plastics

### ELECTRICAL PERFORMANCE

- Electrical withstanding voltage: Current leakage 1mA max. after 500V AC for 60 second
- Insulation resistance: Initially 1000M $\Omega$  min. , after test 100M $\Omega$  min.
- Contact resistance: Initially 40m $\Omega$  max. 20m $\Omega$  changes max. after test

### ENVIRONMENTAL

- Operating temperature range: -55°C to +85°C environmental tests

### MECHANICAL PERFORMANCE

- Max. insertion force: 39.2 N  
Min. withdrawal force: 6.67 N
- Durability: 10,000 cycles for 68 contact pins
- Vibration: Contact resistance 20m $\Omega$  changes from initial, no more than 100 second discontinuity

### SPECIFICATIONS

- 110 – 263 product specification

### APPROVALS AND CERTIFICATIONS

- UL & RoHS
- PMCIA compliance

### PACKAGING

- Tray

## PART NUMBERS

Description	Part Numbers
3.3V metal cover type	10067972 series
5.0V metal cover type	10074595 series
5.0V full plastic type	92150 series

INOSBPCMCIA0613EA4

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