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**0.635 mm (.025") Pitch
68 Way PCMCIA**

91553

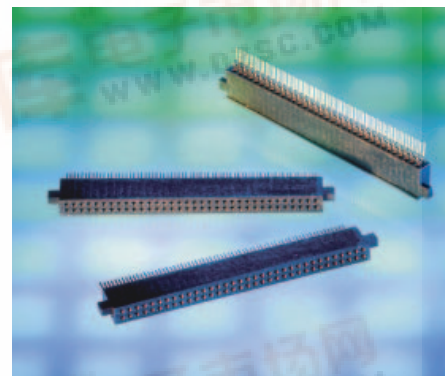
Receptacle

68 Way PCMCIA Header with 0.10 mm Coplanarity

The 91553 is an SMT 68 way header designed to the Personal Computer Memory Card International Association (PCMCIA) specification. This part is one of the few parts on the market to meet the challenging requirements of an automated SMT process. It achieves this primarily through superior coplanarity performance. The major applications include satellite decoders and laptop computers.

Features and Benefits

- This product meets all PCMCIA standards
- Coplanarity specification is 0.10 mm as per SMT standard
- Hold down feature available for use during the SMT process
- Parts are available on tape & reel packaging so are pick and place compatible
- Durability of a minimum of 10,000 cycles



REGIONAL MARKETS, APPLICATIONS AND TYPICAL CUSTOMERS

- Secure data modules for satellite decoders
- Laptop computers
- Handheld devices
- Set top boxes



SPECIFICATIONS

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Reference Information

Product Specification: PS-99050-001

Packaging: Tape & reel

Mates with: Relevant PCMCIA parts

Designed in: Millimeters

Electrical

Voltage: 100 V AC

Current: 0.5 Amp

Contact Resistance: 40 milliohms

Dielectric Withstanding Voltage: >500 Vrms AC

Insulation Resistance: 1000 Megohms min.

Mechanical

Durability: 10,000 cycles

Physical

Housing: Glass-filled LCP, UL94V-0

Contact: Phosphor Bronze

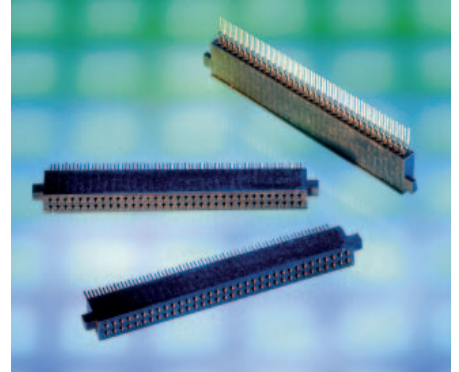
Plating:

Contact Area – 0.2 µm Gold Flash

Solder Tail Area – 3–5 µm Tin Lead

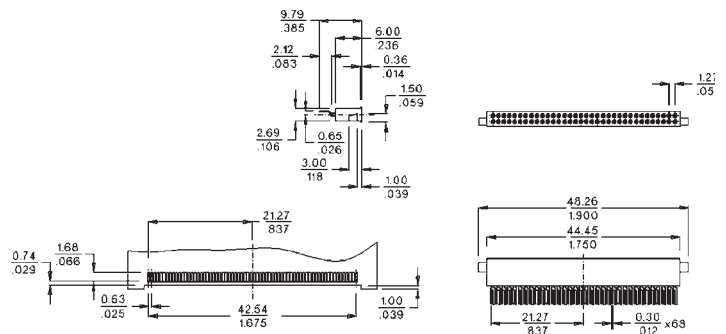
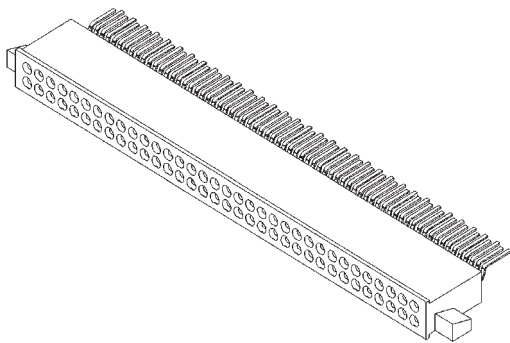
Underplating – 0.76 µm Palladium Nickel

Operating Temperature: –20 °C to +70 °C



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.		Dimension			
	No PCB arms	With PCB arms	A	B	C	D
68	91553-0001	91553-0002	48.26 (1.9)	44.4 (1.75)	2.69 (0.106)	9.79 (0.385)



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