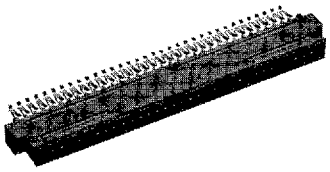
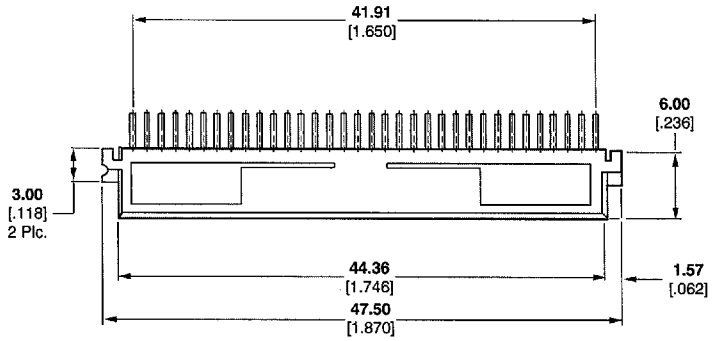
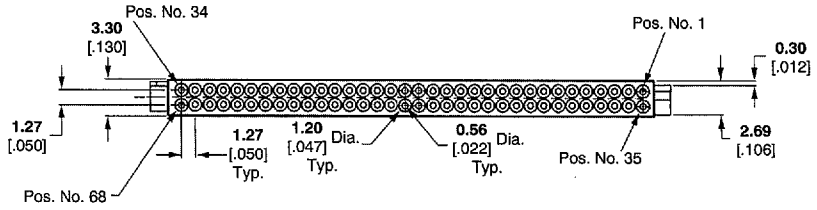
PC Card Connectors (Continued)

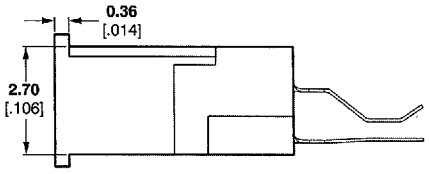
Receptacle Assembly, Straddle-Mount, 0.66 [.026] Offset

68 Positions
Part Number 146234-1









End View

Material and Finish

Housing — Glass-filled liquid crystal polymer, black

Contacts — Beryllium copper; duplex plated 0.00076 [.000030] minimum gold in mating area, 0.00254 [.000100] minimum tin-lead on solder tail, with entire contact underplated 0.00127 [.000050] minimum nickel

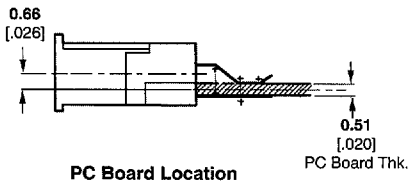
Related Product Data

Mating Pin Headers — Any 68-position PCMCIA pin header when the receptacle assembly is mounted in a PCMCIA card frame

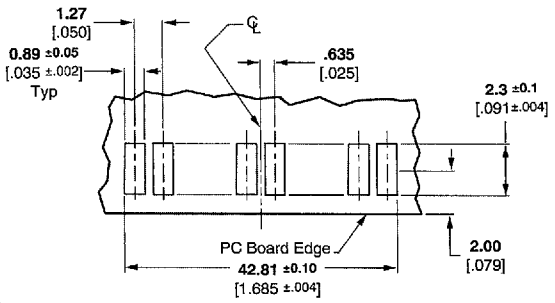
Performance Characteristics — page 55

Technical Documents — page 50

Packaging — Tube (11 per tube)



PC Board Location (0.66 [.026] Offset)



Recommended PC Board Layout

PC Card Connectors (Continued)

Enhanced (Shielded) Card Bus

Performance Characteristics

Voltage Rating—100V AC

Current Rating (per position)—0.5A max.

Low-Level Overall Resistance (per position, max.)—40mΩ (initial), ΔR≦20mΩ (final)

Withstanding Voltage—500V AC (for 1 minute)

Insulation Resistance (min.)—1,000MΩ (initial), 100MΩ (final)

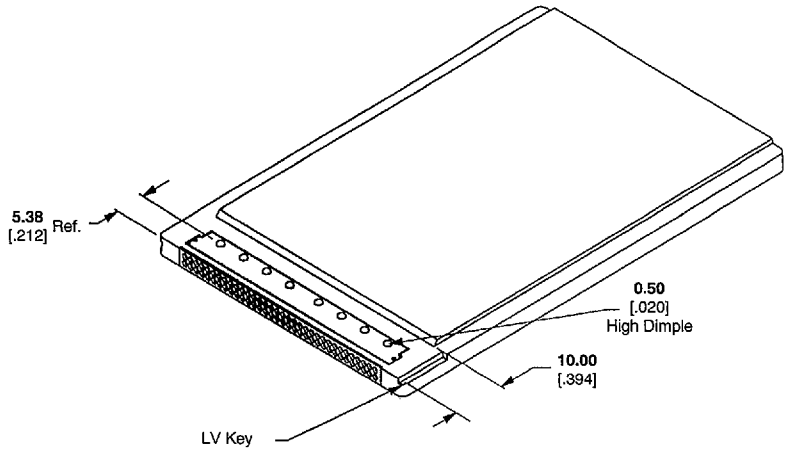
Connector Mating/Unmating Force (per 68-position connector)—Mating Force = 4.0kg max. Unmating Force = 0.68kg min.

Matings and Unmatings—Tested to 10,000

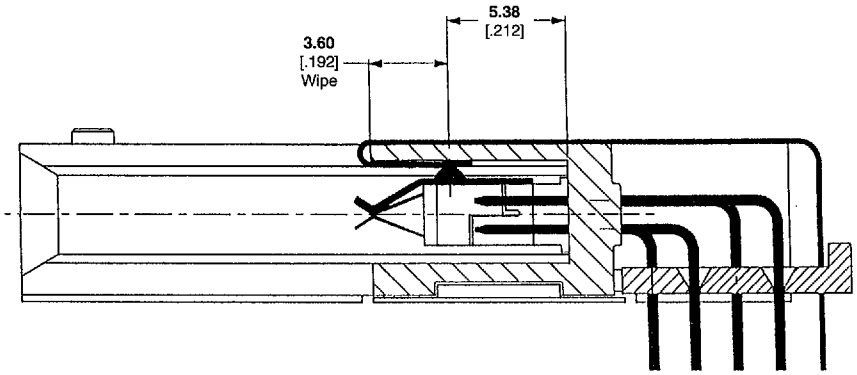
Post Retention Force (min.)—1.0kg (for 0.44mm [.017 inch] dia. pin)

Receptacle Retention Force (per position)—0.5kg min.

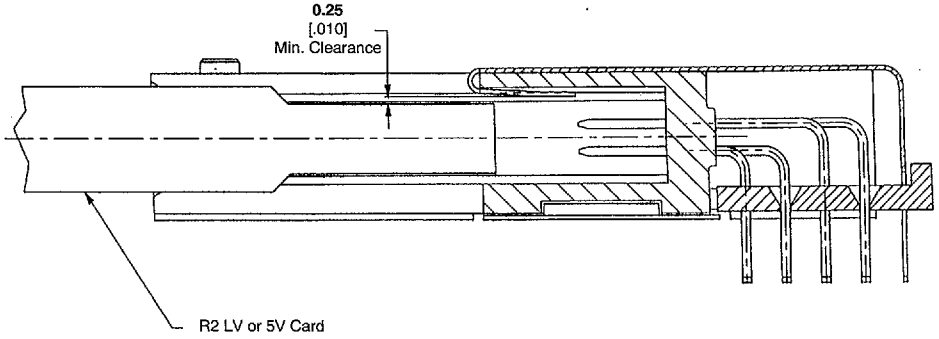
Operating Temperature—-10°C to +70°C



Card Bus



Card Bus Connector



Backward Compatible Cross Section