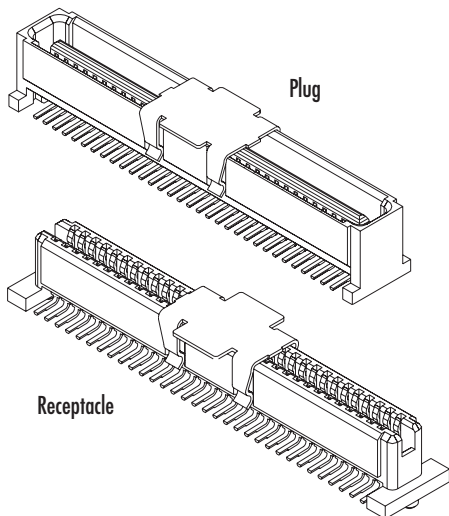


1.00mm (.039") Mezzanine IEEE 1386 Board-to-Board Plug/Receptacle

71436/71439

**Dual Row, SMT
Vertical Stacking**



Features and Benefits

- Mated heights: 8, 9, 10, 11, 12, 13, 14 and 15mm
- Size 64 circuits
- Leaf-style design protects pins
- Low insertion force
- For use in combinations of 1 to 4 mated pairs
- High-temperature LCP housing for use with lead-free processing temps

Reference Information

Product Specification: PS-71436-9999
Packaging: Tube or tape and reel
UL File No.: E29179
Designed In: Millimeters

Electrical

Voltage: 100V
Current: 1.0A
Contact Resistance: 30 milliohms max.
Dielectric Withstanding Voltage: 250V
Insulation Resistance: 1000 Megohms min.

Mechanical

Contact Retention to Housing: 0.4kgf min.
Mating Force: 50g max. per contact
Unmating Force: 25g min. per contact

Physical

Housing: Glass-filled LCP, UL 94V-0
Contact: Phosphor Bronze
Plating: 30µ" Gold min.
Operating Temperature: -55 to +85°C

| Circuits | Mated Stack Height | Pegs | Packaging | Order No. | | Lead-free |
|-----------------|--------------------|---------------|----------------------------|----------------------------|----------------------------|-----------|
| | | | | Plug | Receptacle | |
| 64 | 8.00mm (.315") | Yes | Tape and Reel | 71436-0464 | 71439-0464 | Yes |
| | | | Tube | 71436-0164 | 71439-0164 | |
| | | No | Tape and Reel | 71436-0864 | 71439-0864 | |
| | | | Tube | 71436-0564 | Contact Molex | |
| | 9.00mm (.354") | Yes | Tape and Reel | 71436-1464 | 71439-0464 | |
| | | | Tube | 71436-1164 | 71439-0164 | |
| | | No | Tape and Reel | 71436-1864 | 71439-0864 | |
| | | | Tube | 71436-1564 | Contact Molex | |
| | 10.00mm (.394") | Yes | Tape and Reel | 71436-2464 | 71439-0464 | |
| | | | Tube | 71436-2164 | 71439-0164 | |
| | | No | Tape and Reel | 71436-2864 | 71439-0864 | |
| | | | Tube | 71436-2564 | Contact Molex | |
| | 11.00mm (.433") | Yes | Tape and Reel | 71436-1464 | 71439-1464 | |
| | | | Tube | 71436-1164 | 71439-1164 | |
| | | No | Tape and Reel | 71436-1864 | 71439-1864 | |
| | | | Tube | 71436-1564 | 71439-1564 | |
| | 12.00mm (.472") | Yes | Tape and Reel | 71436-2464 | 71439-1464 | |
| | | | Tube | 71436-2164 | 71439-1164 | |
| | | No | Tape and Reel | 71436-2864 | 71439-1864 | |
| | | | Tube | 71436-2564 | 71439-1564 | |
| | 13.00mm (.512") | Yes | Tape and Reel | 71436-2464 | 71439-2464 | |
| | | | Tube | 71436-2164 | 71439-2164 | |
| | | No | Tape and Reel | 71436-2864 | 71439-2864 | |
| | | | Tube | 71436-2564 | Contact Molex | |
| 14.00mm (.551") | Yes | Tape and Reel | 71436-1464 | 71439-3464 | | |
| | | Tube | 71436-1164 | 71439-3164 | | |
| | No | Tape and Reel | 71436-1864 | 71439-3864 | | |
| | | Tube | 71436-1564 | 71439-3564 | | |
| 15.00mm (.591") | Yes | Tape and Reel | 71436-2464 | 71439-3464 | | |
| | | Tube | 71436-2164 | 71439-3164 | | |
| | No | Tape and Reel | 71436-2864 | 71439-3864 | | |
| | | Tube | 71436-2564 | 71439-3564 | | |

Note: These order numbers are the recommended plug and receptacle combinations for mated stack heights per EIA standard 700 AAAB. Per EIA standard, board stack height measured from facing surfaces of parallel circuit boards includes solder thickness allowance of 0.1 mm (.004") per side.

A
0.40 to 1.60mm (.016 to .063") Pitch PCB and Wire Connectors