

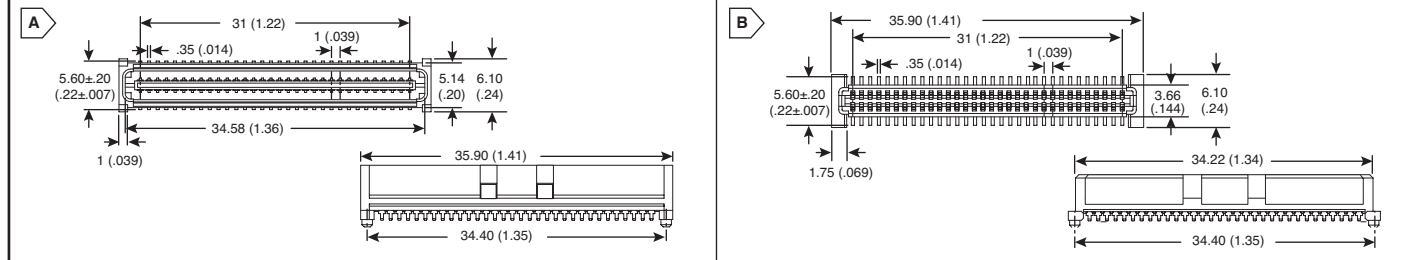
MOLEX Mezzanine Connectors



This product is RoHS compliant.

molex
one company > a world of innovation

DIMENSIONS: mm (in.)



1.0MM (0.039") MEZZANINE IEEE 1386 CONNECTORS BOARD-TO-BOARD, SURFACE MOUNT, VERTICAL

Molex's fully shrouded leaf-style design minimizes the chance of damaging plug contacts, and the receptacle contacts feature a low mating force, reducing PC board stress. Gold-over-Nickel contact plating enhances long-term reliability and UL 94V-0 LCP housings withstand SMT reflow processes. Excellent tolerance absorption allows the connector to be used in combinations of 1-4 mated pairs for up to 256 circuits.

Specifications:

- Voltage: 100V
- Current: 1.0A
- Contact Resistance: 30mΩ min.
- Dielectric Withstanding Voltage: 250V
- Insulation Resistance: 1000MΩ min.

Features:

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

Applications:

- Network Interface Cards for NIC-HBA
- SCSI Host Bus and Adapter Cards for NIC-HBA
- Board-to-Board Mezzanine Connectors for Switch-Router
- Mezzanine Card Connectors for Server
- Mezzanine Card Connectors for Disk Array



RoHS Compliant

Plug	Receptacle	Mated Stack Ht. mm (in.)
71436-0164	71439-0164	8.00 (.315)
71436-1164	71439-0164	9.00 (.354)
71436-2164	71439-0164	10.00 (.394)
71436-1164	71439-1164	11.00 (.433)
71436-2164	71439-1164	12.00 (.472)
71436-1164	71439-2164	13.00 (.512)
71436-1164	71439-3164	14.00 (.551)
71436-2164	71439-3164	15.00 (.591)

*: Recommended Plug/Receptacle combination for mated stack height per EIA standard 700 AAB.

71436 Series, Dual Row

MOUSER STOCK NO.	Molex Part No.	Fig.	Description	Price Each				
				1	5	10	25	50
538-71436-0164	71436-0164	A	64 Circuit Plug	8.35	7.55	6.83	6.38	5.67
538-71436-1164	71436-1164	A	64 Circuit Plug	8.73	7.60	6.12	5.56	4.76
538-71436-2164	71436-2164	A	64 Circuit Plug	8.47	8.07	7.53	6.43	5.77

For quantities of 100 and up, call for quote.

71439 Series, Dual Row

MOUSER STOCK NO.	Molex Part No.	Fig.	Description	Price Each				
				1	5	10	25	50
538-71439-0164	71439-0164	B	64 Circuit Receptacle	8.08	7.52	6.82	6.12	5.31
538-71439-1164	71439-1164	B	64 Circuit Receptacle	8.25	6.15	5.59	5.17	4.37
538-71439-2164	71439-2164	B	64 Circuit Receptacle	7.53	6.48	6.01	5.46	5.04
538-71439-3164	71439-3164	B	64 Circuit Receptacle	6.94	6.32	5.84	5.18	5.07

For quantities of 100 and up, call for quote.