



37X-9 Series Right Angle PCB Mount Miniature Ribbon Connectors

Features



- Applications Include Computer Peripherals, Data Processing, Telecommunications and Industrial Controls
- UL Recognized Material
- Design Meets the Requirements of IEEE-488 and SCSI Applications
- Plug and Socket Available in 14, 24, 36, and 50 Positions
- Bright Nickel Plated Shells for EMI/RFI Shielding
- D Shaped Connector Mating and Polarization
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Shell : Steel Material, Nickel Finish

Insert : PBT Thermoplastic, Blue, 30% Glass Filled, Self-Extinguishing, 94V-0 Rated

Contact Material : Phosphor Bronze

Contact Finish : Gold Flash Over 0.0001 (0.00254) Nickel

Electrical Characteristics

Contact Current Rating : 1 Amps

Dielectric Withstanding Voltage : 1000 V AC Min

Insulation Resistance : 1000 Megohms Min

Temperature Rating : -55°C to + 105°C

MINIATURE RIBBON CONNECTORS

37X-9 Series

Ordering Information

Receptacles		Plugs	
Contacts	Part Number	Contacts	Part Number
24	37X-92240	24	37X-91240
36	37X-92360	36	37X-91360
50	37X-92500	50	37X-91500

Mounting Options (PCB)

12 - 4-40 Riveted Threaded Mounting Holes

24 - Grounding Brackets

Mounting Option (Panel)

Blank - With Spring Latches*

K - With 4-40 Riveted Threaded Inserts and Spring Latches*

X - With Pan Head Screws installed and without Spring Latches

XK - With 4-40 Riveted Threaded Inserts and w/out Spring Latches

XJ - Without Spring Latches and with Jack Screws Installed**

XJM - Without Spring Latches and with IEEE Standard

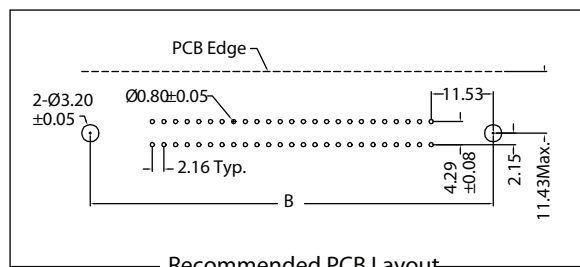
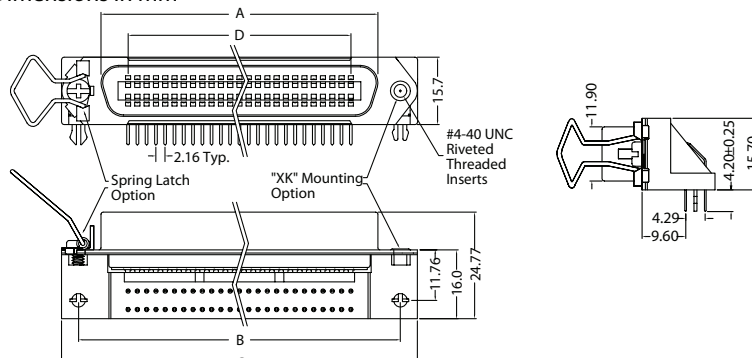
Metric Jack Screws Installed**

* Spring Latch Option Only Available for Receptacle

** Removal of Jack Screws Will Cause Disassembly of XJ Option

37X Series Dimensions

Dimensions in mm



Number of Contacts (Shell Size)	Dimensions (mm)			
	A	B	C	D
24	1.427	1.843	2.150	.935
	36.30	46.80	54.70	23.76
36	1.941	2.350	2.638	1.446
	49.30	59.70	67.70	36.72
50	2.545	2.949	3.264	2.041
	64.45	74.90	82.80	51.84

Mouser Electronics

Authorized Distributor

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[37X-92240-24-XJ](#)