

Joy Signal Technology has developed a 180 pin ZIF Connector/Cable Assembly for Automatic Test Equipment (ATE) Applications.

FEATURES and BENEFITS

- 90 Coax Signals or up to 180 Utility pins
- 3 GHz Bandwidth
- Board Mount Connector uses compression tails, no soldering required
- 10,000 insertion cycles
- ZIF assures no net normal force on the mating board

SPECIFICATIONS

ELECTRICAL

- Contact resistance – 25 milliohm (maximum)
- Current rating – 1.0 AMP per contact (continuous)
- Insulation resistance - $>1 \times 10^9$ ohms @ 500 VDC

MECHANICAL

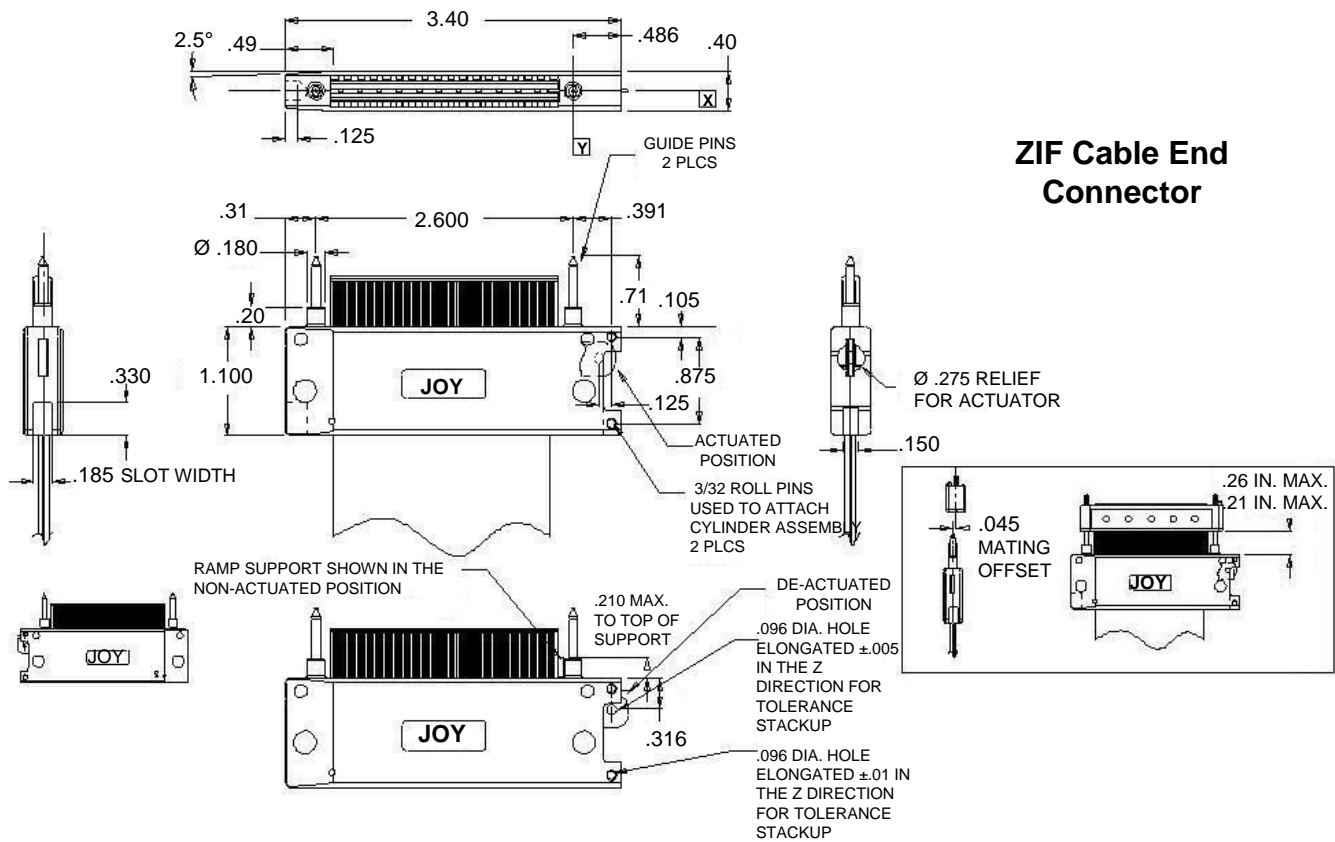
- Contact material – copper alloy
- Contact finish – 30 micro inches Gold (minimum) over 50 micro inches Nickel (minimum)
- Number of contacts – 180, .025" centers
- Normal force – 100 grams nominal
- Dielectric material – liquid crystal polymer
- Insertion/Withdrawal Cycles – 10,000 minimum

ENVIRONMENTAL

- Material – U.L. rated 94 V-0
- Temperature rating - -20°C to $+100^{\circ}\text{C}$

For the name and location of your nearest Joy Signal Sales Representative call 888-891-3551 or visit us at www.joysignal.com

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ZIF Cable End Connector

Compression Mount Female Receptacle

