

## Banana Jack 4 Conductor 4-Pole Option

### BJ4TERM



Inside Cover



Outside Cover

#### Overview:

The BJ4TERM is a 4 conductor Banana Jack/Binding Post option. It uses a 4-pole filtered terminal block to provide RF filtering. The terminal block covers provide a base for the Banana Jack/Binding Posts. It is primarily used for DC Power, Audio, Base Band Video, Feedback circuits, Sense circuits, Switching circuits, and other low speed data.

#### Applications:

- RF Shielded Test Enclosures or Screen Rooms.
- Low voltage DC.
- Low voltage AC.
- Switching Circuits.
- Audio Circuits.

#### Features:

- Provides RF Filtering to maintain an enclosures high RF isolation level while providing a feed-through path for electrical circuits.
- Easy connection via Banana Jacks, Binding Posts, or Spade Lugs.
- Standard Spacing for Black/Red Pairs to accommodate Dual Banana Plugs.



## Specifications:

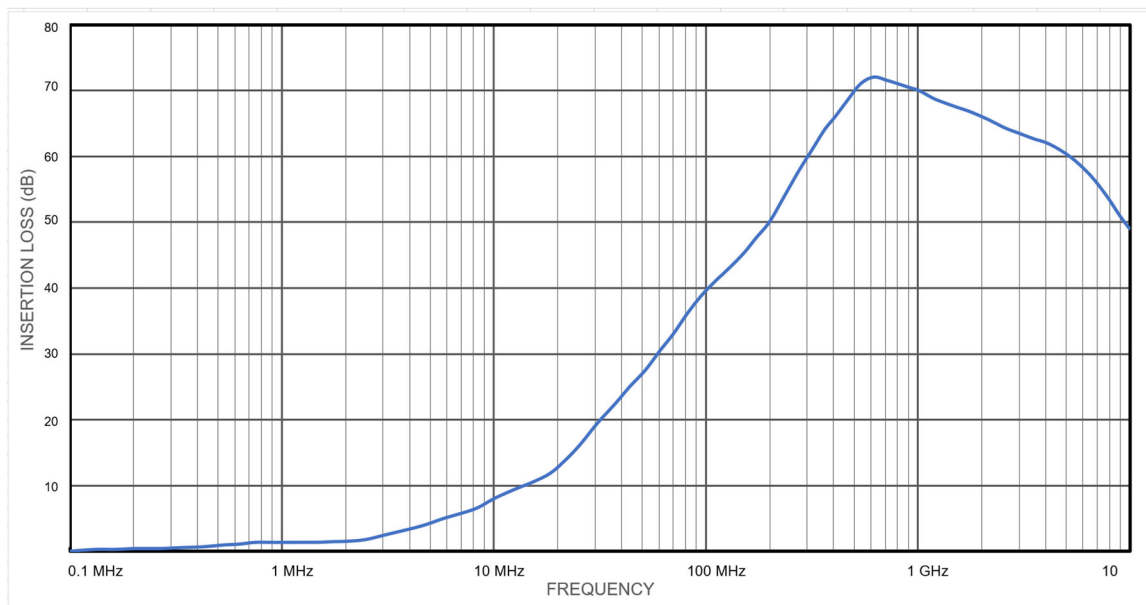
### ELECTRICAL:

|                                  |  |
|----------------------------------|--|
| Working Voltage:                 | 48VRMS.  |
| Current:                         | 15 Amps Maximum.   |
| DC Resistance:                   | 10 milliohms Maximum   |
| Capacitance:                     | 2000pF-5200pF Pi Filter  |
| Dielectric Withstanding Voltage: | 1500VAC @ 25°C   |
| Conductive Insertion Loss (Min): | 4dB @ 5MHz.<br>9dB @ 10MHz.<br>15dB @ 20MHz.<br>28dB @50MHz.<br>41dB @100MHz.<br>70dB @ 500MHz.<br>70dB @ 1GHz.<br>60dB @ 5GHz.M |

### Mechanical:

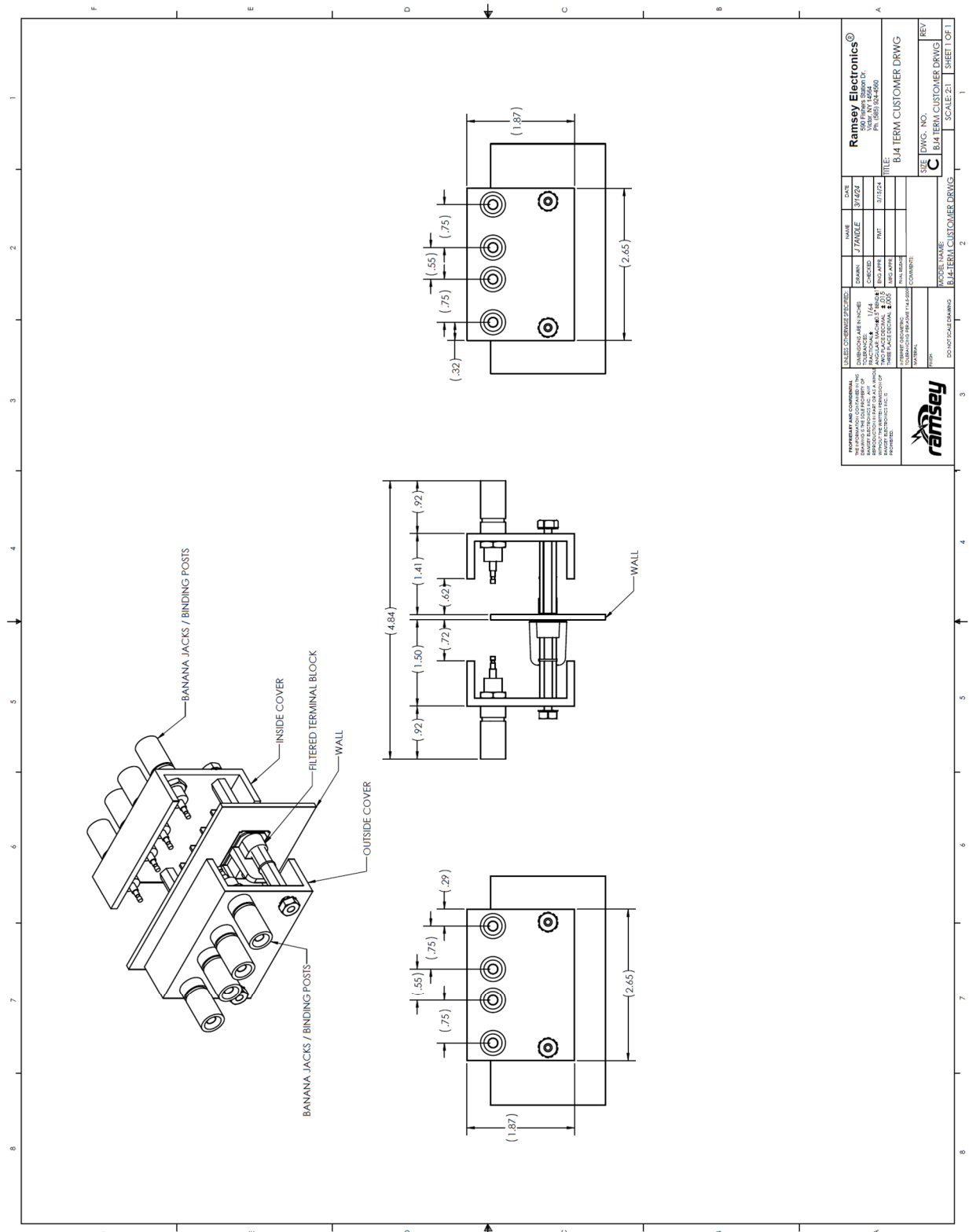
|                           |                               |
|---------------------------|-------------------------------|
| Number of Terminals:      | 4.                            |
| Terminal Type:            | Pi Filter                     |
| Spacing Red/Black Pairs : | 0.75" (19.1mm).               |
| Spacing Between Pairs:    | 0.55" (14.0mm).               |
| Cover Material:           | PVC-U.                        |
| Operating Temperature:    | 5°F (-15°C) to 140°F (+60°C). |
| Overall Length:           | 2.65" (67.3mm).               |
| Overall Height:           | 1.87" (47.5mm).               |

**Typical Insertion Loss**





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