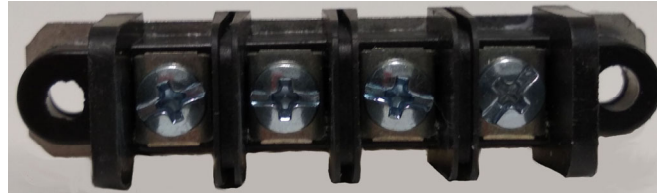
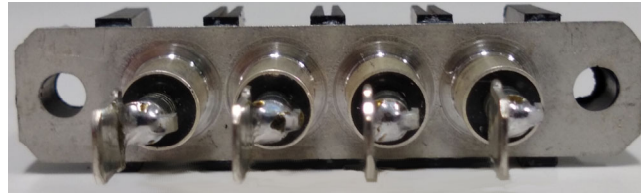


4 Terminal 2000pF-5200pF 250VAC Filtered Terminal Block

RF8



External Side



Internal Side

Overview:

The RF8 is a four terminal AC filtered terminal block. It is designed to provide RF/EMI filtering to AC power lines. The interface provides high insertion loss to connected circuits, making ideal for RF Shielded Test Enclosures or RF Screen Rooms

Applications:

- RF Shielded Test Enclosures or Screen Rooms.
- AC power.
- Switching circuits.
- Audio circuits.
- Video Circuits.
- Switching Circuits.
- Control Circuits.
- NTSC and PAL video.
- Low voltage AC.

Features:

- Provides RF Filtering to maintain an enclosures high RF isolation level while providing a feed-through path for electrical circuits.
- Easy connection via #6 screws, external, and 1/4 inch spade lugs, internal.



Specifications:

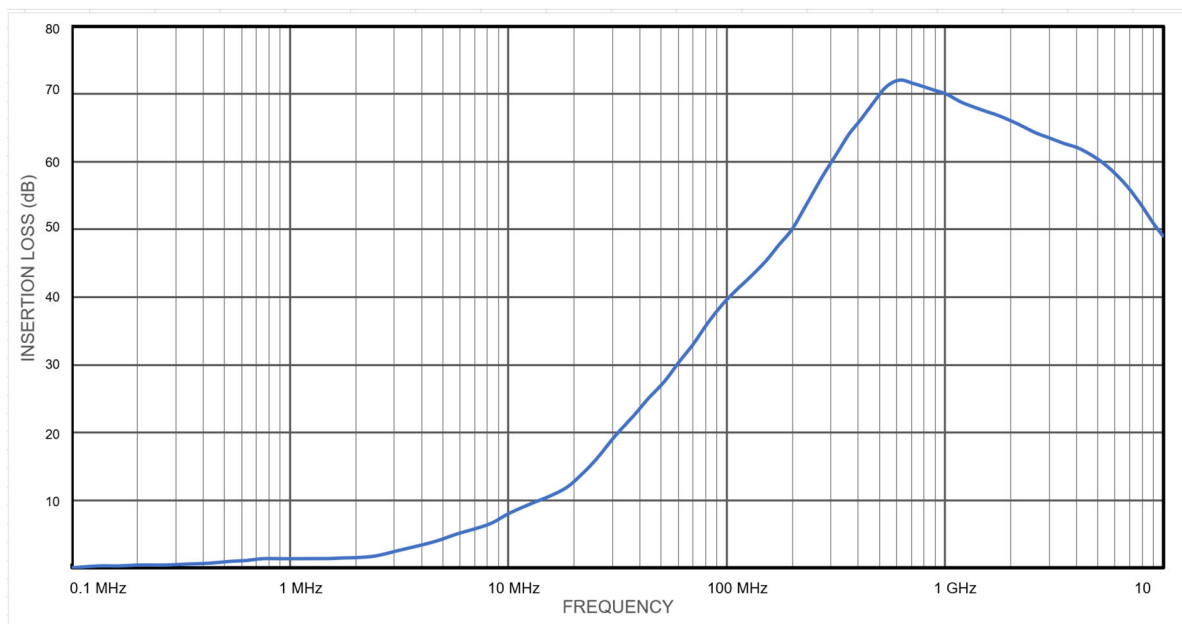
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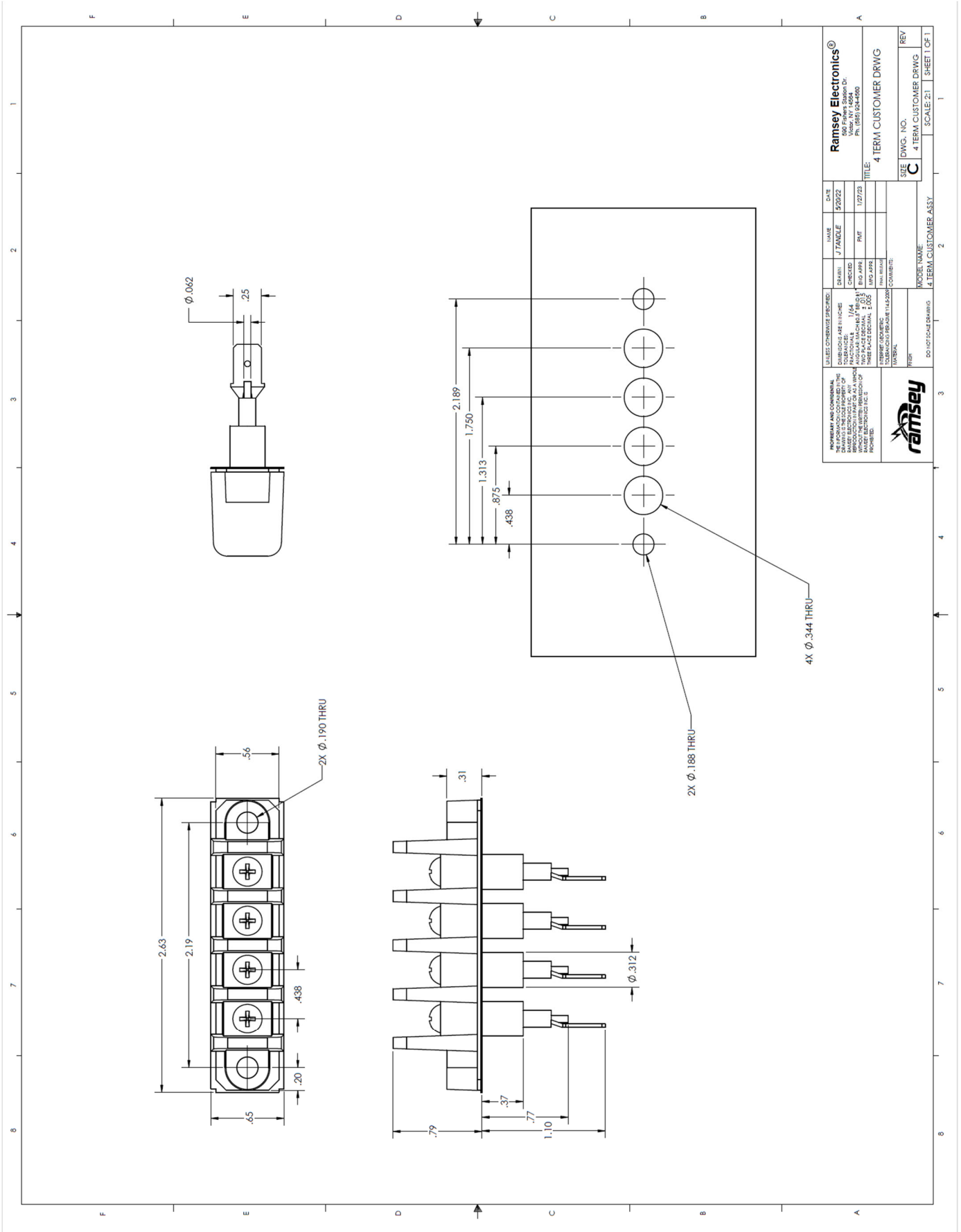
| | |
|--|--|
| Working Voltage: | 250VAC |
| Current: | 20 Amps Maximum. |
| DC Resistance: | 10 milliohms Maximum |
| Capacitance: | 2000pF-5200pF Pi Filter |
| Dielectric Withstanding Voltage: | 1500VAC @ 25°C |
| Minimum Insertion Loss, 50Ω System (No load): | 4dB @ 5MHz 8dB @ 10MHz 13dB @ 20MHz 28dB @50 MHz 40dB @100 MHz 70dB @ 500 MHz 70dB @ 1GHz 60dB @ 5GHz |

Mechanical:

| | |
|------------------------|--|
| Number of Terminals: | 4 |
| Center Spacing: | 0.438" (11.1mm) |
| Spade Size: | 0.250" (6.35mm) AWG#12 max for 20 Amps |
| Wire Range: | 12-22AWG. |
| Screw Size: | #6-32 Zinc Plated |
| Tightening Torque: | 9in.-lbs max. |
| Mold Material: | Black, UL rated 94VO Thermoplastic |
| Operating Temperature: | -55°C to +105°C |
| Overall Length: | 2.59" (65.8mm) |
| Mounting Centers: | 2.19" (55.6mm) |
| Overall Width: | 0.56" (14.3mm) |

Typical Insertion Loss





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