

MRI 2030 High Performance (100 dB 100 kHz to 10 GHz)

Features

- UL 1283 listed
- Filter compartment hermetically sealed, constructed of 16 gauge cold rolled steel
- Removable input cover for terminal access and field wiring connection
- Threaded conduit fitting with flexible lead on the load side
- Knockouts provided on the input side
- Discharge bleeder resistor provided to reduce shock hazard

Electrical Characteristics

Voltage Drop:

Less than 1% @ unity power factor.

Overload:

140% of rated current for 15 minutes.

Harmonic Distortion:

Less than 2% @ full rated current.

Dielectric Withstanding Voltage:

Per MIL-F-15733 and UL1283.

D.C. Insulation Resistance:

Per MIL-STD-202, Method 202.

Terminal Strength:

Per MIL-STD-202, Method 211, Condition E.

Temperature Rise:

Per MIL-F-15733.

R.F. Radiation:

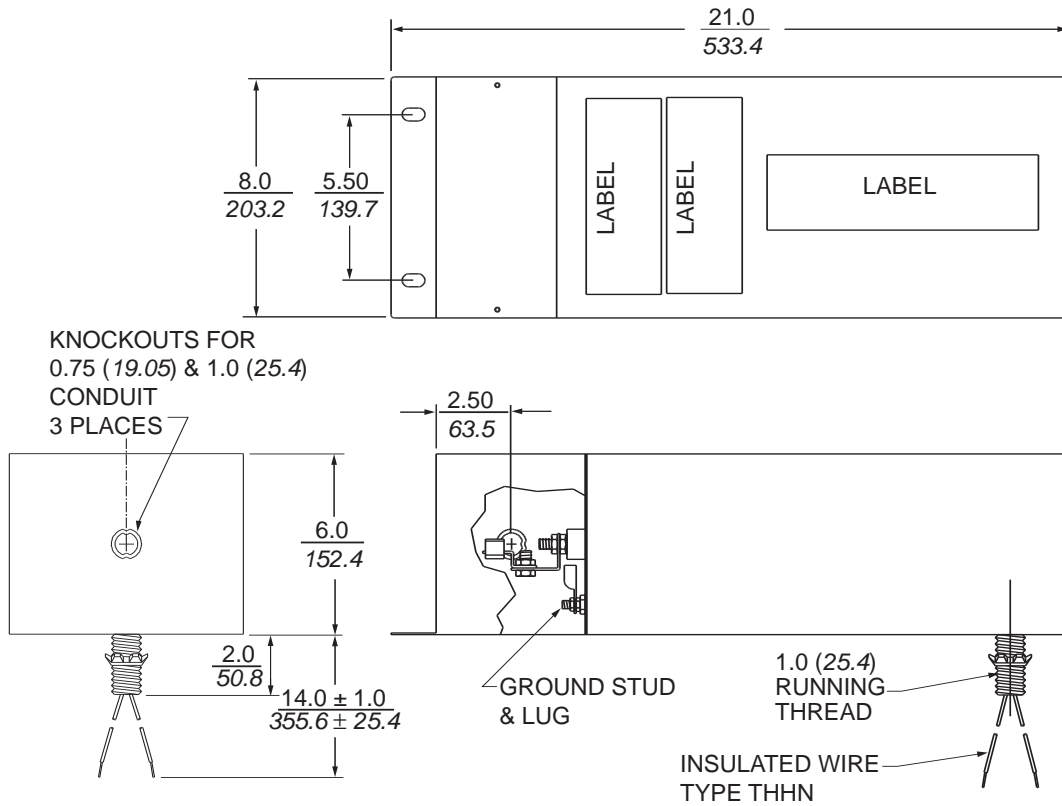
100 dB minimum shielding effectiveness.

Insertion Loss:

100 dB 100 kHz to 10GHz per MIL-STD-220A, under load condition.



MRI 2030 High Performance (100 dB 100 kHz to 10 GHz) (Continued)



Stand-Alone Filters —
Threaded Conduit Fitting

MRI 2030R (100 dB 5 MHz to 20 GHz)

Features

- UL listed and CSA Certified (Pending)
- Competitively priced
- Removable input cover for terminal access and field wiring connection
- Threaded conduit fitting with flexible lead on the load side
- Knockouts provided on the input side
- Discharge bleeder resistor provided to reduce shock hazard

Electrical Characteristics

Voltage Drop:

Less than 1% @ unity power factor.

Overload:

140% of rated current for 15 minutes.

Harmonic Distortion:

Less than 2% @ full rated current.

Dielectric Withstanding Voltage:

Per MIL-F-15733 and UL1283.

D.C. Insulation Resistance:

Per MIL-STD-202, Method 202.

Terminal Strength:

Per MIL-STD-202, Method 211, Condition E.

Temperature Rise:

Per MIL-F-15733.

R.F. Radiation:

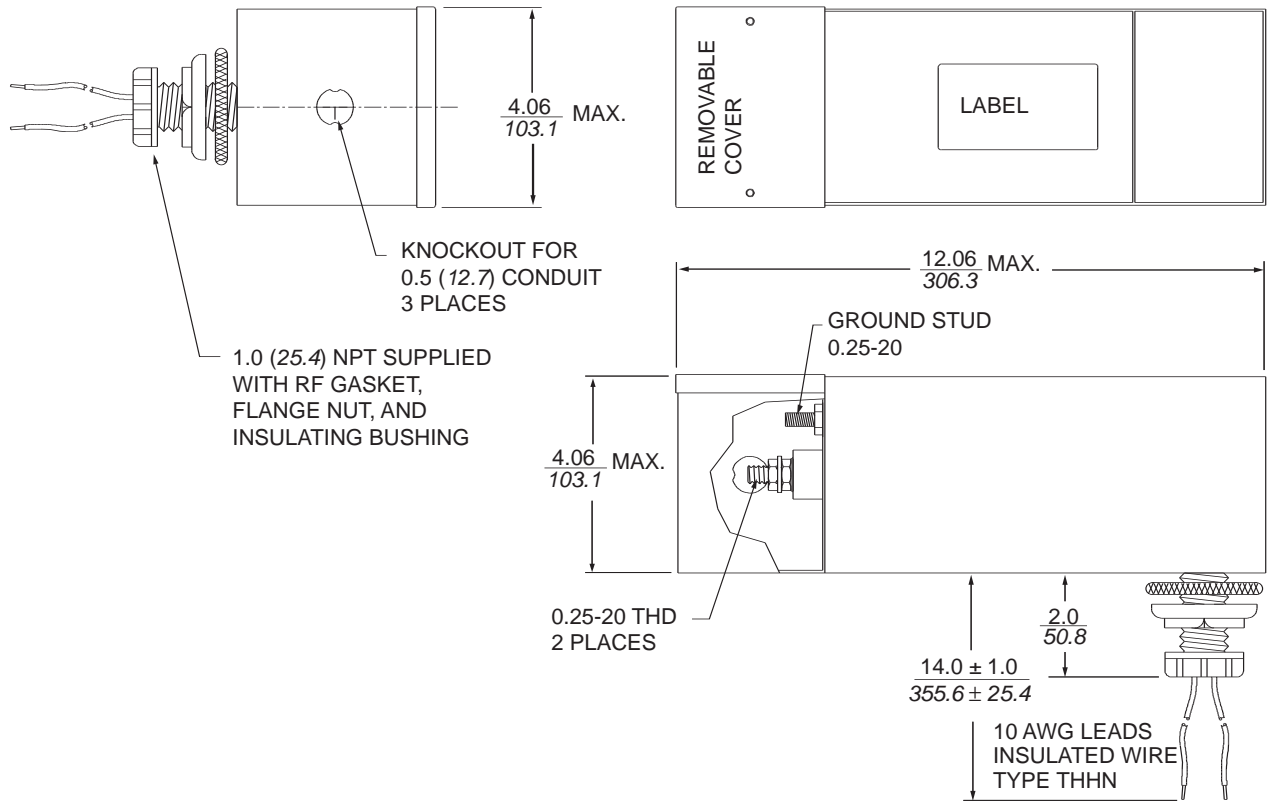
100 dB minimum shielding effectiveness.

Insertion Loss:

100 dB from 5 MHz - 20 GHz per MIL-STD-220A, under load condition.



MRI 2030R (100 dB 5 MHz to 20 GHz) (Continued)



Stand-Alone Filters —
Threaded Conduit Fitting