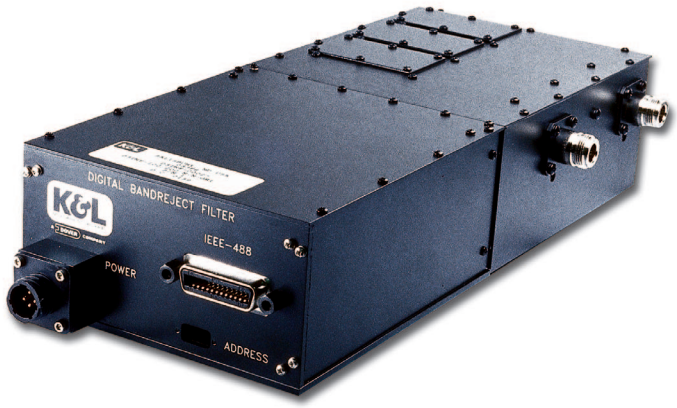
Digitally Controlled Tunable Notch Filters

◆ Features:

- Digital Control Allows Complete Automated Operation Via Remote Interfaces.
- GPIB (IEE-488) Standard Remote Interface, RS-232, RS-422, and BCD also Available.
- 24 VDC Standard Drive Voltage, 12 VDC, and 110 VAC also Available
- Contact Factory for Custom Tuning Ranges and Configurations.



◆ Applications:

- ATE Labs
- Wireless Communications
- Military Communications

◆ Specifications:

K&L Model Bandreject	Frequency Range* (MHz)	Passband Insertion Loss	3 dB BW (MHz) (Relative)	40 dB Min. BW (KHz) (Relative)	Typ. Notch Depth (Relative)	VSWR	Power Handling
D3TNF-30/76-N/N-GRI	30-76	0.5 dB Max	1 - 2.5	100	50 dB	1.5:1	50 Watts CW
D3TNF-50/100-N/N-GRI	50-100	0.5 dB Max	3 - 6	300	50 dB	1.5:1	50 Watts CW
D3TNF-100/200-N/N-GRI	100-200	0.5 dB Max	3 - 6	300	50 dB	1.5:1	50 Watts CW
D3TNF-200/400-N/N-GRI	200-400	0.5 dB Max	3 - 7	300	50 dB	1.5:1	50 Watts CW
D3TNF-250/500-N/N-GRI	250-500	0.5 dB Max	3 - 7	300	50 dB	1.5:1	50 Watts CW
D3TNF-500/1000-N/N-GRI	500-1000	0.5 dB Max	6 - 16	400	45 dB	1.5:1	50 Watts CW
D3TNF-1000/2000-N/N-GRI	1000-2000	0.5 dB Max	9 - 24	400	45 dB	1.5:1	50 Watts CW
Filter Type:	3 Section Notch						
Impedance:	50 Ohms						
RF Connectors:	Type N Standard, SMA/TNC/BNC Optional						
Digital Interface:	GPIB Standard, RS-232 / RS-422 / BCD Optional						
Control Power:	24 VDC Standard, 12 VDC / 110 VAC Optional						

Custom configurations and ruggedized versions also available. Contact the factory for custom requirements.

* The "Frequency Range" column indicates the Passband Range as well as the Tuning Range of the filter. The passband performance outside of that frequency range is not defined.

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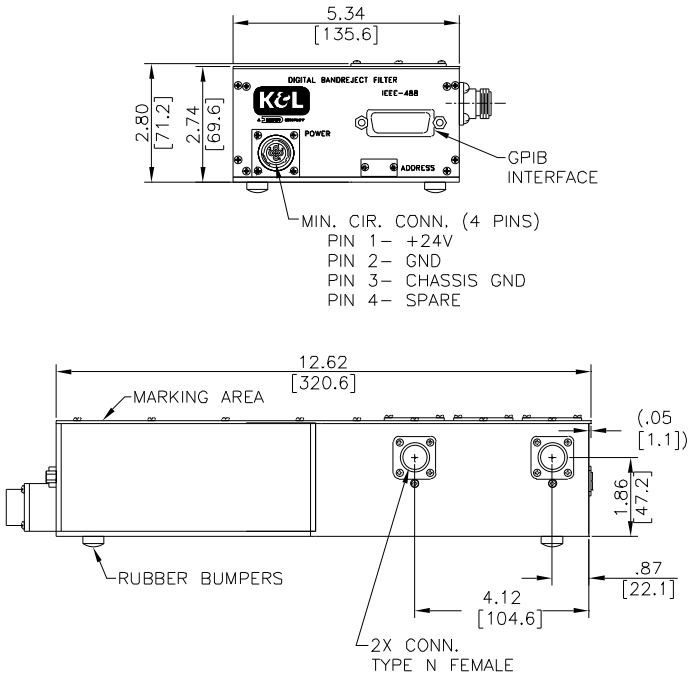
◆ D3TNF Mechanical:



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