

Product Specification



CCTF-82

Filter, 850 Band Transmit
Extremely High-Powered Design
High Rejection in Receive Bands
Low Loss Design

Electrical Specifications

PASSBAND	869 - 894 MHz
PASSBAND INSERTION LOSS	
869 – 870 MHz	1.1 dB Max.
870 – 893 MHz	0.9 dB Max.
893 – 894 MHz	1.4 dB Max.
INSERTION LOSS VARIATION	
870 – 893 MHz	0.6 dB Max.
869 – 894 MHz	1.1 dB Max.
RETURN LOSS	18 dB Min.
REJECTION	
100 – 824 MHz	90 dB Min.
824 - 849 MHz	80 dB Min.
849 – 865 MHz	40 dB Min.
865 – 866.5	20 dB Min.
896 - 898 MHz	20 dB Min.
898 - 900 MHz	35 dB Min.
900 - 2000 MHz	40 dB Min.
PASSIVE INTERMODS	-110 dBm
POWER HANDLING	500 W Avg. / 8 kW Peak

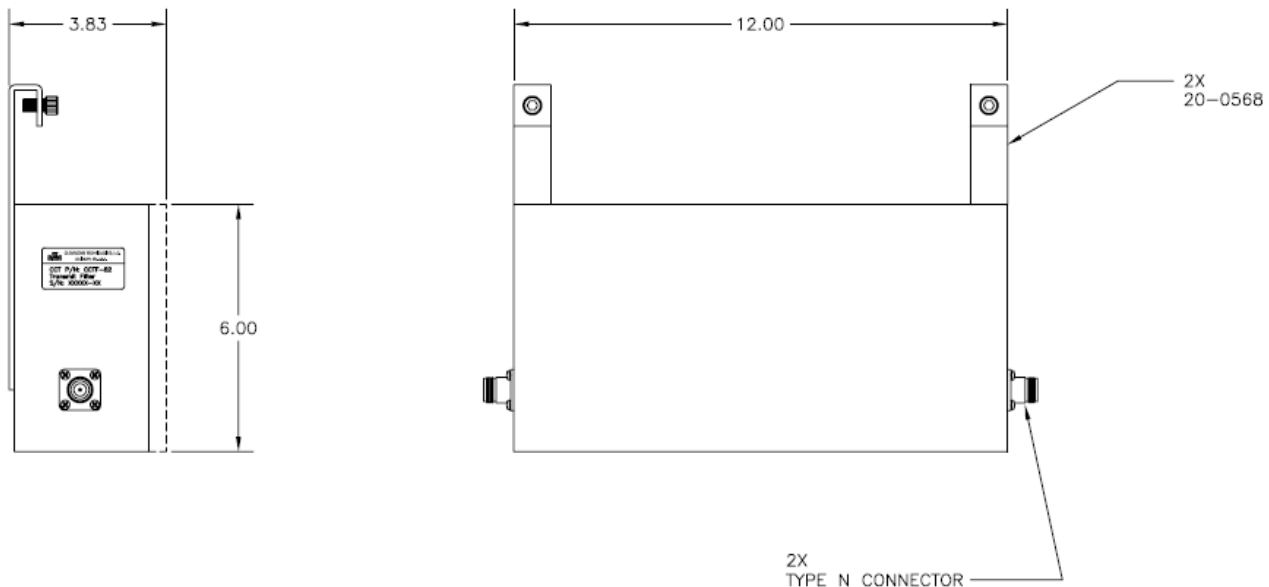
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Environmental Specifications

OPERATING TEMPERATURE	-0° to +60°C Operating
ENVIRONMENTAL	Per ETS-300
WEATHERIZATION	Per IP-65
LIGHTENING PROTECTION	Per EN / IEC 61000 4-5, Level 4

Mechanical Specifications

CONNECTORS	7/16 DIN Female Optional: Type 'N'
SIZE	12.5" x 6.0" x 3.8" (See Outline)
WEIGHT	Approx. 15 lbs.



OUTLINE DRAWING