

WSN-00449 — Notch Filter, Band 5, 862-869 MHz

◆ Features:

- High Q topology with steep roll-off rejects unwanted frequencies while achieving minimal insertion loss in upper and lower passbands.
- Rugged environmentally-sealed design for use in unsheltered outdoor conditions. (Unaffected by rain, high humidity, temperature and dust.)



◆ Specifications:

Insertion Loss:

0.5 dB max. @ 817 – 824 MHz

1.25 dB max. @ 862 – 863 MHz

0.6 dB max. @ 863 – 869 MHz

Input Return Loss:

16 dB min. @ 862 – 869 MHz and 817 – 824 MHz

Output Return Loss:

16 dB min. @ 862 – 869 MHz and 817 – 824 MHz

Absolute Stopband:

12 dB min. @ 861.5 – 861.6 MHz

46 dB min. @ 859 – 861.35 MHz

6 dB min. @ 854 – 859 MHz

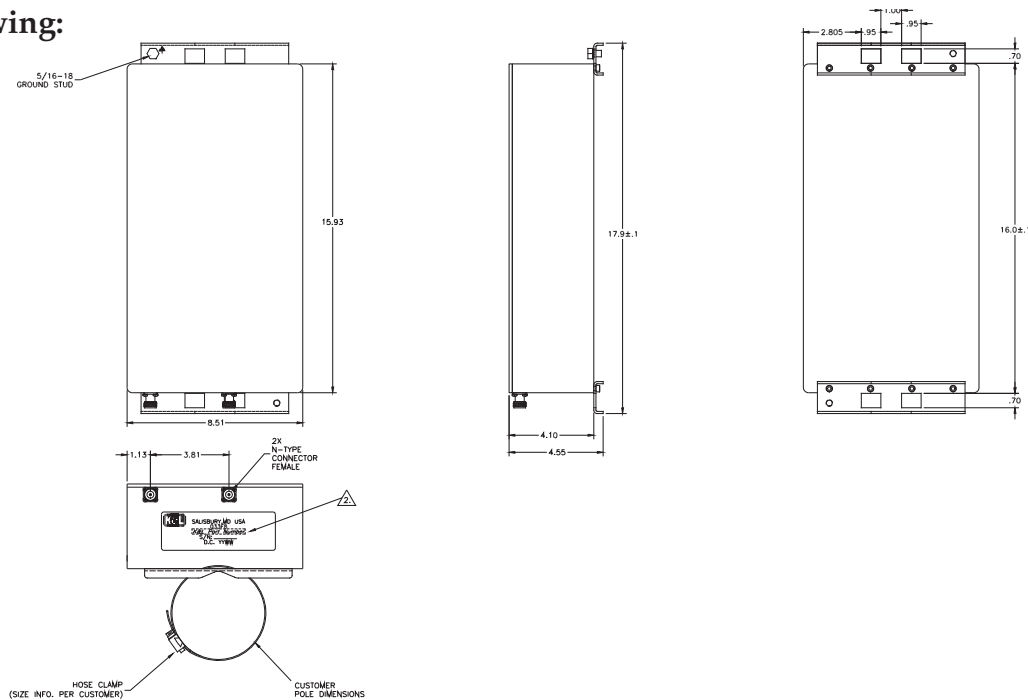
26 dB min. @ 861.35 – 861.50 MHz

◆ Applications:

- Designed specifically for areas where LTE Band 27 interference and spurious emissions threaten the 800 MHz Public Safety Band.

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◆ Outline Drawing:



◆ Typical Performance:

