## EW 439-01

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## SUSPENDED SUBSTRATE LOWPASS FILTER

Fitted directly to PCB's, this filter can be used as a broadband IF filter at the end of a receive chain, allowing signals of up to 2.5 GHz to pass, whilst rejecting those from 2.6 GHz upwards.

Passband: DC to 2.5 GHz Insertion Loss DC to 2.46 GHz: 2.0 dB max 2.46 to 2.5 GHz: 3.0 dB max Return Loss: 14 dB min Rejection from 2.646 to 8.0 GHz: 40 dB min Power Handling: 1 W max -25 to 85°C Operating temperature: Connectors: Surface Mount External Finish: Silver Plate

## Outline:



