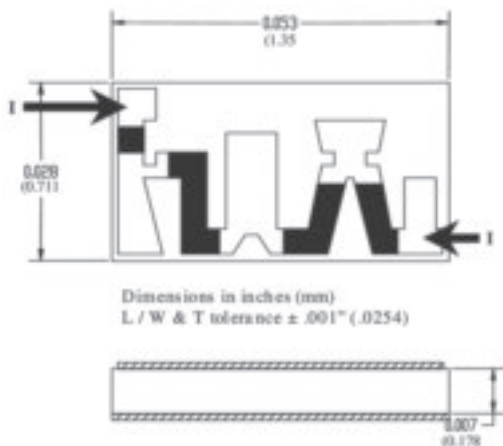


## Bias Filter Network

### Functional Application

- Wireless communication modules
- Ideal varactor decoupling element
- High gain RF/Microwave modules
- Ideal GaAs FET gate biasing device
- MMIC multichip modules

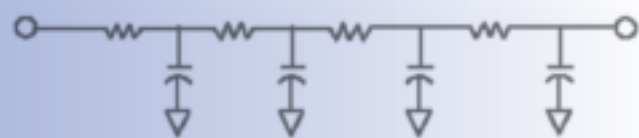
### Physical Characteristics



### Benefits

- Filters noise and RF from Supplies
- Reduces RF feedback through bias supplies
- Simplifies assembly - one component replaces many
- Designed with large 4 mil wirebond pads for assembly ease

### Equivalent Schematic Representation



**Total Series Resistance:**  
600 nominal

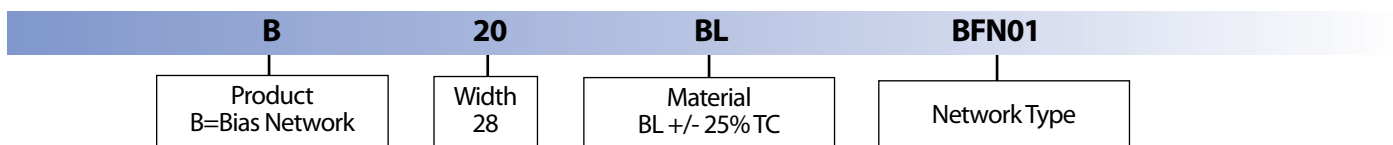
**Total Shunt Capacitance:**  
BT material - 140pF nominal  
BH material - 95pF nominal

**DC Rating:** Volts Max: 50V

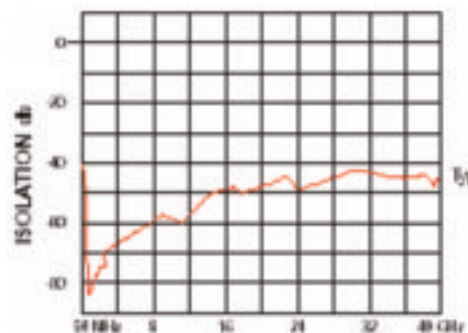
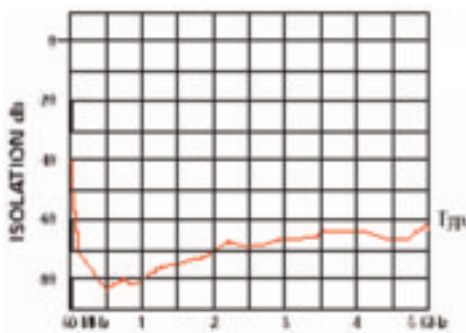
**I(ma) Max:** 10Ma

**Recommended Mounting:** The Bias Filter Network should be mounted with fully metallized side down directly on RF ground plane for maximum isolation performance.

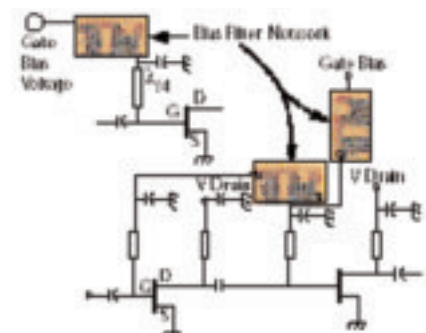
### Product Number Identification



### Isolation vs. Frequency



### Typical Application



Custom Networks can be designed per customer specification. Please consult factory for additional information or special requirements.