



MINIATURE RF BLOCKING NETWORK

For RF Noise Suppression in high speed mixed signal semiconductor devices



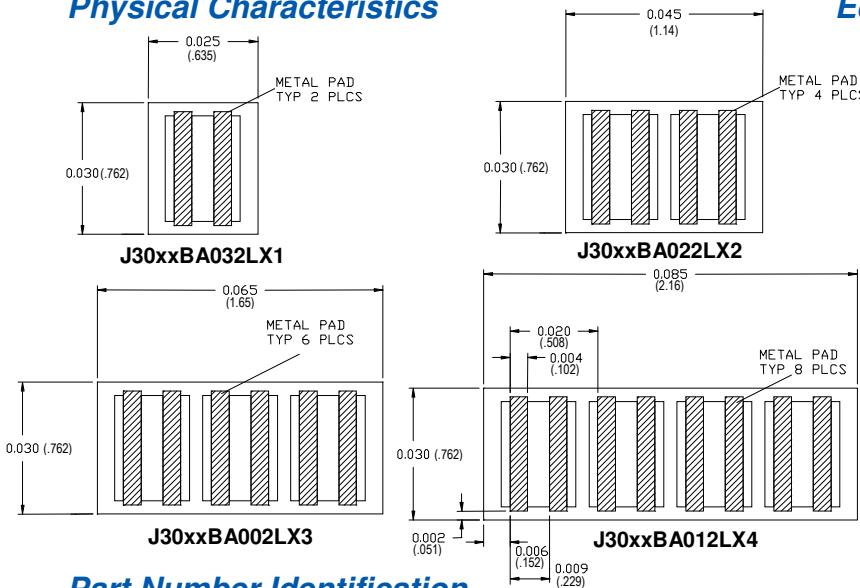
FUNCTIONAL APPLICATIONS:

- High speed digital
- Mixed signal IC's
- Suppression of RF noise on DC supply lines
- MCM and hybrid modules

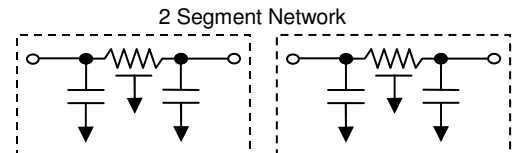
BENEFITS:

- Eliminates noise at I/O pins,
- Replaces large decoupling capacitor with superior performance
- Clean DC lines beyond 18GHz

Physical Characteristics



Equivalent Schematic Representation

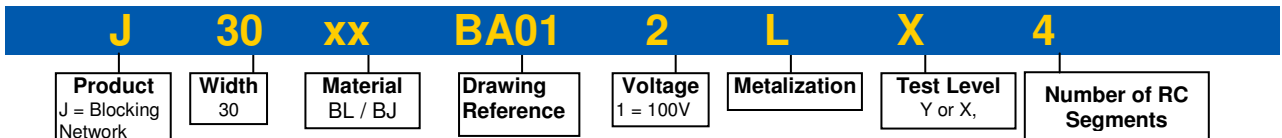


Electrical Characteristics

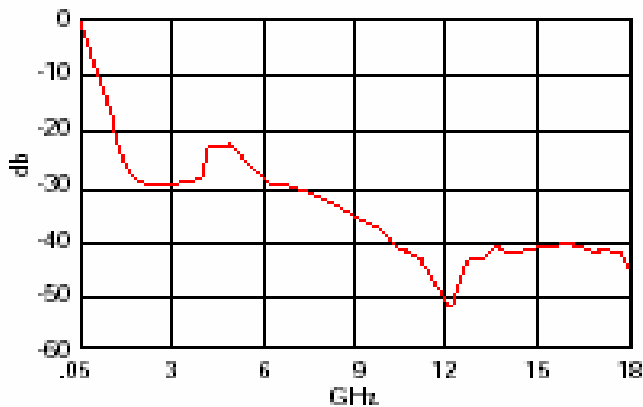
Capacitance	Resistance	DF	Rated Voltage
BL 30pF (typ) BJ 45pF (typ)	10Ω Nom. Stripe to Stripe	3.0% Max.	25 Volts DC

Metalization
 Top: Tan 50Ω/□, TiW 300Å, Au 100 μInch minimum
 Bottom: TiW 300Å, Au100 μInch minimum

Part Number Identification

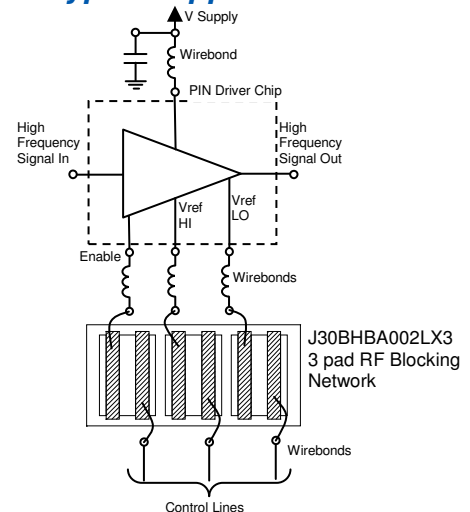


Performance



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

Typical Application



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