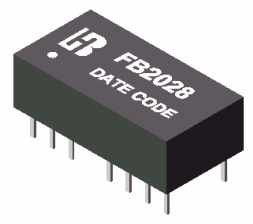
Bothhand USA. **e-mail: sales@bothhandusa.com http://www.bothhand.com**

10 BASE-T LOW PASS FILTER TRANSMITTER & RECEIVER WITH COMMON CHOKES

APPLY TO GENERIC IC

P/N:FB2028 DATA SHEET

Feature



- IEEE 802.3 and IEEE 802.5 compatible.
- Designed to meet AMD AM79C98, AT & T T7220 & NS DP83922 chip sets requirements.
- Integrated filter and isolation transformers in single 16 Pin DAP package.
- Low insertion loss characteristics.
- Cost effective designs.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

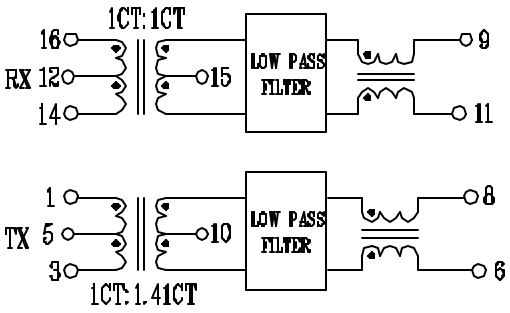
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		CUT-OFF Frequency	HI-POT (Vrms)
	TX	RX		
FB2028	1 CT:1.41CT	1CT:1CT	17 MHz ± 1.5MHz	1500

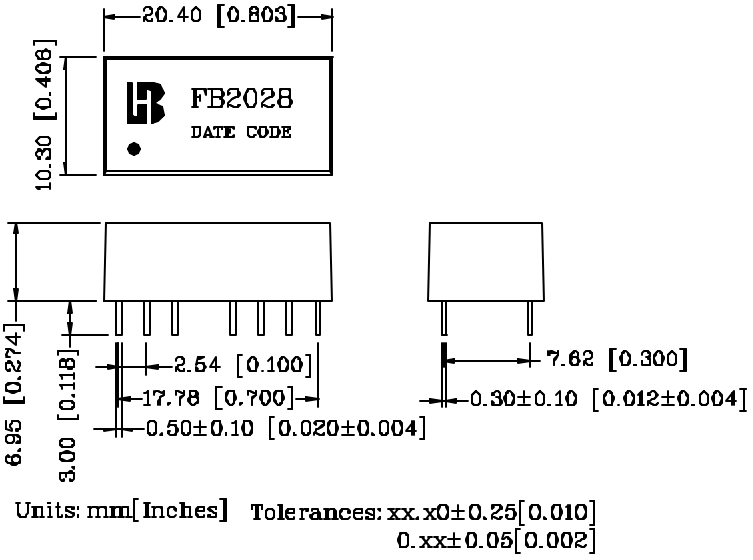
Continue

Part Number	Insertion Loss (dB Max)			Attenuation (dB Min) TX/RX			Return Loss (dB Typ)	Cross talk Attenuation (dB Min)	CMR (dB Min) TX/RX
	1–10MHz	5-10MHz	20MHz	25MHz	30MHz	40MHz	5-10MHz	1-10 MHz	30-100MHz
FB2028	-1.0/RX	-1.2/TX	-7/-6	-19/-14	-30/-20	-32/-31	-17	-30	-30/-24

Schematic



Mechanical



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