

HOME LAN NETWORKING BANDPASS FILTERS

462 Boston St - Topsfield, MA 01983 - Phone: 978-887-8050 - Fax: 978-887-5434

- Design for Home LAN Networking , Phoneline & Ethernet .
- Supports TUT system Home LAN Technology.
- Surface mountable.
- HI-POT:1500Vrms
- Storage temperature range: -40°C to +125°C .



Electrical Specifications @ 25°C Operating Temperature range:0°C to +70°C

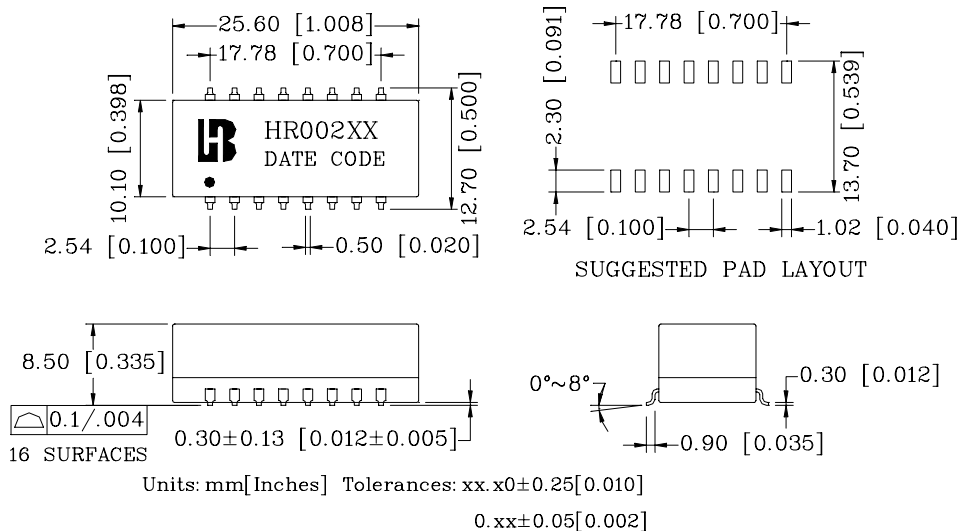
“*” Operating temperature range : -40°C to +85°C

Part Number	Insertion Loss (dB Normal/Max)			Attenuation TX/RX (dB Min/Normal)			Return Loss TX/RX (dB Min.)	Turn Ratio (±5%)
	6MHz	7.5MHz	9.0MHz	1MHz	2.0MHz	27MHz	6-9MHz	
HR002	-1.8/-3	-1.7/-3	-1.8/-3	-	-50/-53	-55/-60	-10	1CT:1
HR002-1	-2.5/-3	-2.2/-2.5	-2.5/-3	-	-65/-70	-47/-55	-10	1CT:1
HR002-1M*	-2.5/-3	-2.2/-2.5	-2.5/-3	-	-65/-70	-47/-55	-10	1CT:1
HR002A	-2.5/-3	-2.2/-2.5	-2.5/-3	-	-65/-70	-47/-55	-10	1CT:1
HR002AM*	-2.5/-3	-2.2/-2.5	-2.5/-3	-	-65/-70	-47/-55	-10	1CT:1
HR002B	-1.8/-3	-1.7/-3	-1.8/-3	-	-50/-53	-55/-60	-10	1CT:1
HR002BA	-1.8/-3	-1.7/-3	-1.8/-3	-	-50/-53	-55/-58	-10	1CT:1
HR002C	-2.2			-65	-	-55	-10	1CT:1
HR002M*	-2.5/-3	-2.2/-2.5	-2.5/-3	-65/-70	-	-47/-55	10	1CT:1

Note:HR002C 1. Impedance(input/output):100 OHMS

2. FL (PASSBAND LOW FREQUENCY CORNER): 5MHz Typ
3. FH (PASSBAND HI FREQUENCY CORNER) : 10 MHz Typ
4. CMRR(5.5-9.5MHz) : 50 dB Min

Mechanicals

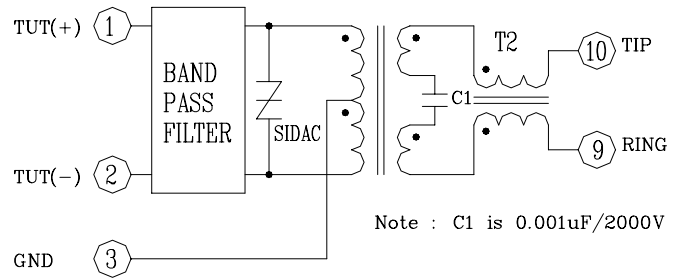
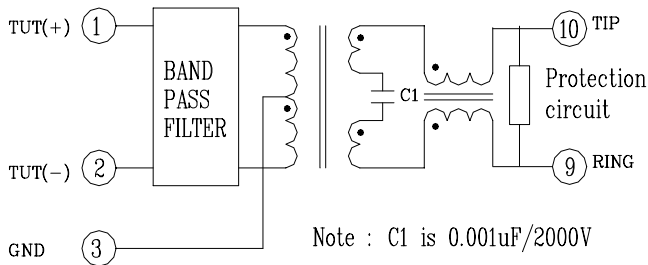


HOME LAN NETWORKING BANDPASS FILTERS

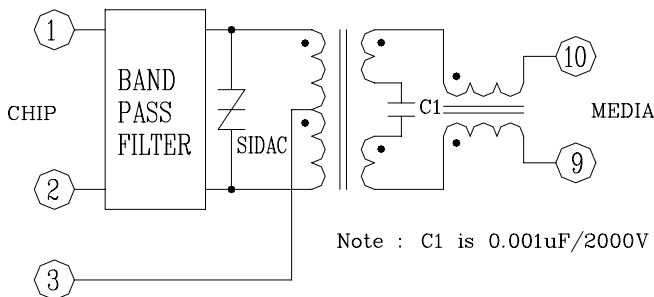
462 Boston St - Topsfield, MA 01983 - Phone: 978-887-8050 - Fax: 978-887-5434

Schematics

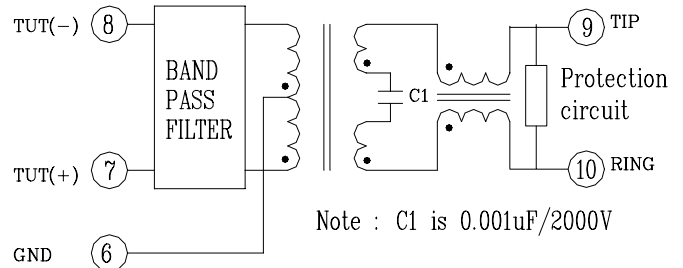
HR002-1, HR002-1M



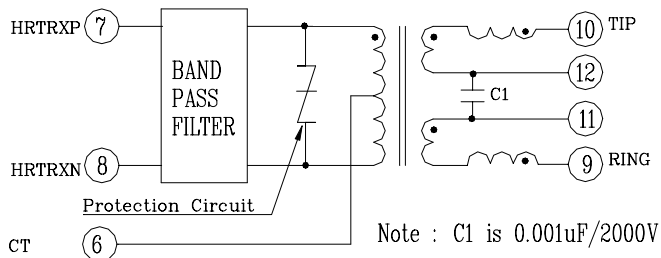
HR002A, HR002AM



HR002B



HR002C



HR002M

