

Home Phone Networking Analog Magnetics Module

EPB5035G & EPB5035G-RC



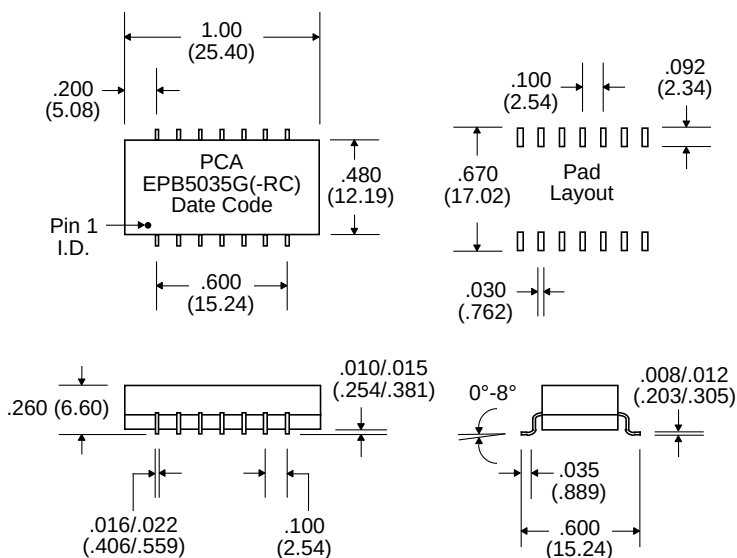
- Designed to meet UL/IEC950
- Supports TUT Systems HPN Architecture
- Optimized for AMD79C978, Conexant CN7221 and National DP83851 Chips
- Add "-RC" after part number for RoHS Compliant
- Robust construction allows for reflow processes
- Operating Temperature : -40°C to +85°C
- Storage Temperature : -40°C to +125°C

Electrical Parameters @ 25° C

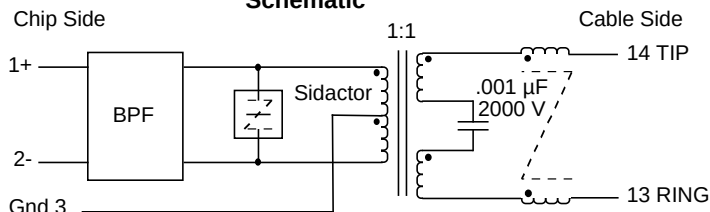
Cut-off Frequency		Insertion Loss (dB Max.)	Return Loss (dB Min.)	Attenuation (dB Min.)		
Lower Band KHz	Upper Band MHz	500KHz - 3MHz	500KHz - 3MHz	@ 6 MHz	@ 15 MHz	@ 35 MHz
50	3.25	-1.5	-15	-55	-45	-25

• Filter Characteristics Impedance : 100 W • Isolation : 1500 Vrms •

Package



Schematic



Notes :	EPB5035G	EPB5035G-RC
1. Lead Finish	SnPb	Hot Tin Dip (Sn)
2. Peak Temperature Rating	225°C	245°C
3. Moisture Sensitive Levels	MSL = 3 (168 Hours, E30°C/60%RH)	MSL = 4 (72 Hours, E30°C/60%RH)
4. Weight	3.7 grams	3.7 grams
5. Packaging Information	(Tube) 20 pieces/tube	20 pieces/tube
	(Tape & Reel) 350 pieces/13" reel	350 pieces/13" reel

Unless Otherwise Specified Dimensions are in Inches /mm ± .010 / .25