

# Low Pass Filter for Cable Modem Applications

## EPB5064GM & EPB5064GM-RC



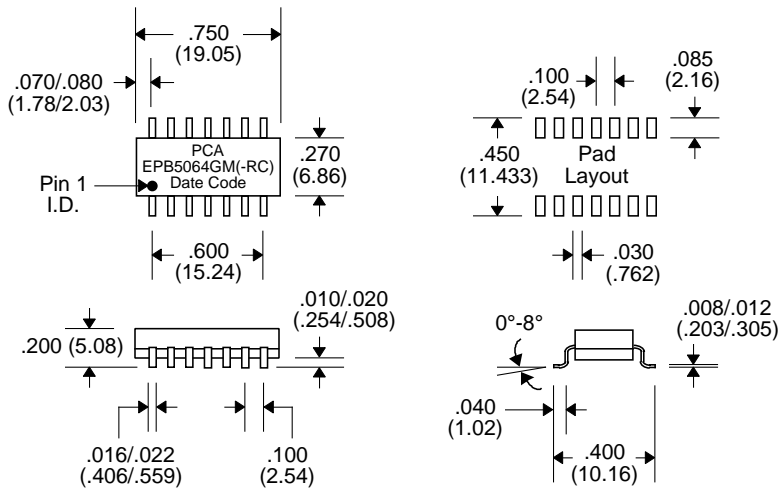
- Integrated LPF designed to work with Broadcom's BCM3033, BCM3137 and BCM3210 Chips
- Robust construction to meet IR/VP soldering processes
- Add "-RC" after part number for RoHS Compliant

### Electrical Parameters @ 25° C

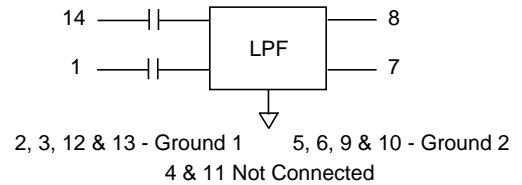
Cut-Off Frequency (MHz)	Insertion Loss (dB Max.)	Return Loss (dB Min.)	Attenuation (dB Min.)		Group Delay (nS Max.)
± 3.0 MHz	1 MHz-40 MHz	1 MHz-40 MHz	@ 75 MHz	100 MHz-200 MHz	40 MHz
50	-1.5	-15	-15	-30	35

• Characteristic Filter Impedance : 150 •

### Package



### Schematic



Notes :	EPB5064GM	EPB5064GM-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, 30°C/60%RH)	MSL = 4 (72 Hours, 30°C/60%RH)
4. Weight	TBD grams	TBD grams
5. Packaging Information (*Add "TR" to end of part number, but in front of "-RC" when placing order)	(Tube) TBD pieces/tube	TBD pieces/tube
	(Tape & Reel) TBD pieces/13" reel (*EPB5064GMTR)	TBD pieces/13" reel (*EPB5064GMTR-RC)

† Hot tin dipped over Matte Tin with Ni Barrier

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