

Low Pass Filter for Cable Modem Applications EPB5227G & EPB5227G-RC

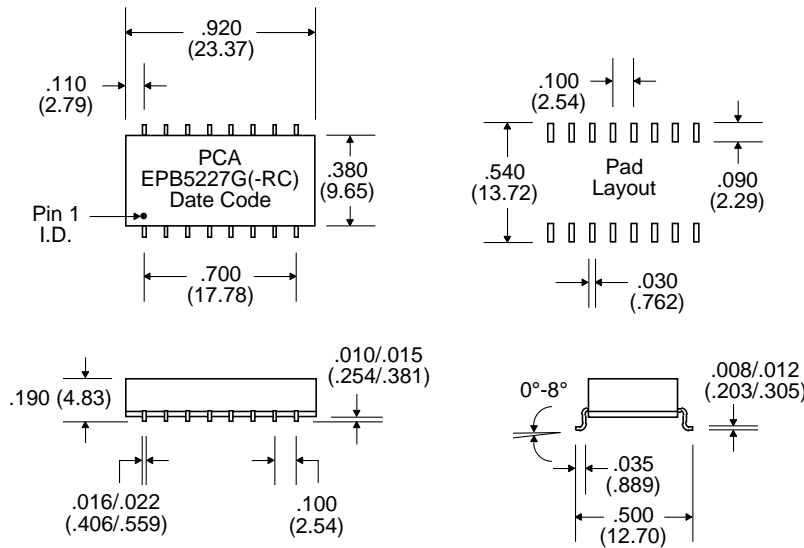


- Integrated Differential LPF designed to work with Broadcom BCM3140
- Robust construction allows for IR/VP processes
- Add "-RC" after part number for RoHS Compliant
- Temperature Range : -40°C to +85°C

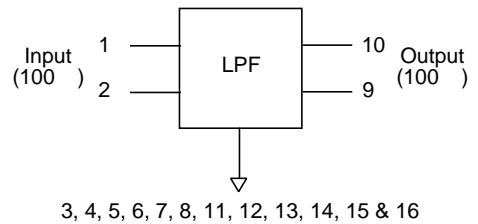
Electrical Parameters @ 25°C

Cut-Off Frequency (MHz)	Insertion Loss (dB Max.)	Return Loss (dB Min.)	Attenuation (dB)		Group Delay (nS Max.)	Crosstalk (dB Typ.)
± 1.5 MHz	1 MHz-65 MHz	1 MHz-65 MHz	90 MHz	150 MHz-300 MHz	1 MHz-65 MHz	1 MHz-65 MHz
71.5	-1.5	-15	-20 Typ.	-30 Min.	35	-70

Package



Schematic



Notes :	EPB5227G	EPB5227G-RC
1. Lead Finish	SnPb	Matte Tin
2. Peak Temperature Rating	225°C	260°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 when placing order)	(Tube)	TBD pieces/tube
	(Tape & Reel)	TBD pieces/13" reel (*EPB5227G-TR)
		TBD pieces/13" reel (*EPB5227G-RCTR)

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