

Low Pass Filter for Cable Modem Applications

EPE6355G



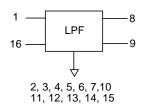
- Optimized for Broadcom BCM3300 •
- Integrated LPF designed to work with
 Broadcom BCM3033, 3137 and 3210
- Robust construction allows for IR/VP processes
 - Available in SMD, DIP and DIL Packages •

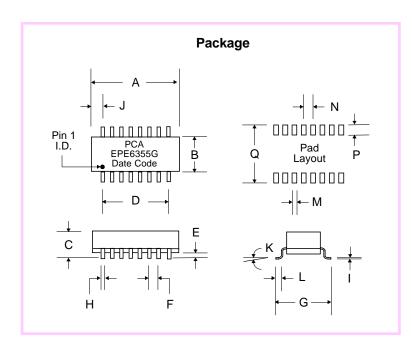
Electrical Parameters @ 25° C

Cut-off Frequency (MHz)	Insertion Loss (dB Max.)	Return Loss (dB Min.)	Attenuation (dB Min.)		
± .5 MHz	1-10 MHz	1-10 MHz	@ 25 MHz	@ 30-50 MHz	@ 100 MHz
11.5	-1	-15	-45	-40	-30

Characteristic Impedance• 440Ω

Schematic





Dimensions

	(Inches)			(Millimeters)			
Dim.	Min.	Max.	Nom.	Min.	Max.	Nom.	
Α	.840	.860	.850	21.34	21.84	21.59	
В	.270	.280	.275	6.86	7.11	6.99	
С	.180	.200	.190	4.57	5.08	4.83	
D			.700			17.78	
E	.010	.020	.015	.254	.508	.381	
F			.100			2.54	
G	.380	.400	.390	9.65	10.16	9.91	
H	.016	.022	.018	.406	.559	.457	
1	.008	.012	.010	.203	.304	.254	
J			.045			1.143	
K	0°	8°	4°	0°	8°	4°	
L	.025	.045	.035	.635	1.143	.889	
M			.030			.762	
N			.100			2.54	
P			.092			2.34	
Q			.410			10.41	