CA	ELECTRONICS	INC.	

Low Pass Filter for **Cable Modem Applications**

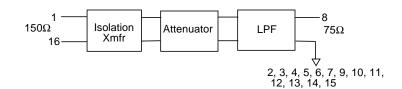
EPE6353G

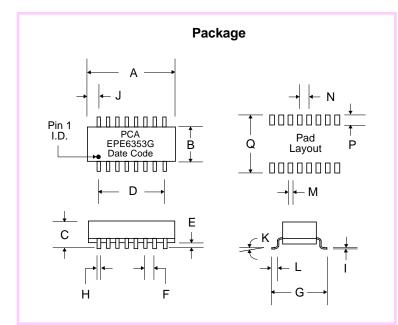
- HAR
- Optimized for Broadcom BCM3300 • Built in Attenuator •
- Integrated LPF designed to work with Broadcom BCM3033, 3137 and 3210
- Robust construction allows for IR/VP processes Isolation and Impedance matching to meet
 - Cable Modem Standards
 - Available in SMD, DIP and DIL Packages

Electrical Parameters @ 25° C

Cut-off Frequency (MHz)	Insertion Loss (dB Max.)	Return Loss (dB Min.)	Attenuation (dB Min.)					
± 3.0 MHz	5-42 MHz	5-42 MHz	@ 70 MHz	@ 80 MHz	@ 100 MHz	@ 200 MHz	@ 200-300 MHz	
55	-1	-15	-10	-25	-40	-45	-45	

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		
Е	.010	.020	.015	.254	.508	.381		
F			.100			2.54		
G	.380	.400	.390	9.65	10.16	9.91		
Н	.016	.022	.018	.406	.559	.457		
	.008	.012	.010	.203	.304	.254		
J			.045			1.143		
Κ	0°	8°	4°	0°	8°	4°		
L	.025	.045	.035	.635	1.143	.889		
М			.030			.762		
Ν			.100			2.54		
Р			.092			2.34		
Q			.410			10.41		

PCA ELECTRONICS, INC. 16799 SCHOENBORN ST. NORTH HILLS, CA 91343 CSE6353G Rev. 2 9/29/99

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Product performance is limited to specified parameters. Data is subject to change without prior notice.