PCA ELECTRONICS INC.

Band Pass Filter

EPB5017G



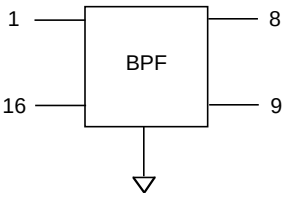
- Optimized for Broadcom BCM 6010 •
- Robust construction allows for IR/VP processes •
- Temperature Range -40°C to +85°C •

Electrical Parameters @ 25° C

Cut-off Frequency		Insertion Loss (dB Max.)	Return Loss (dB Min.)	Attenuation (dB Min.)						Group Delay (µS Max.)
Lower Band KHz	Upper Band MHz	300 - 1000 KHz	300 - 1000 KHz	@ 50-100 KHz	@ 150 KHz	@ 200 KHz	@ 1.3 MHz	@ 1.7 MHz	@ 3-6 MHz	300 -1000 KHz
230-250	1.09-1.12	-1.5	-16	-50	-30	-10	-10	-30	-50	2.5

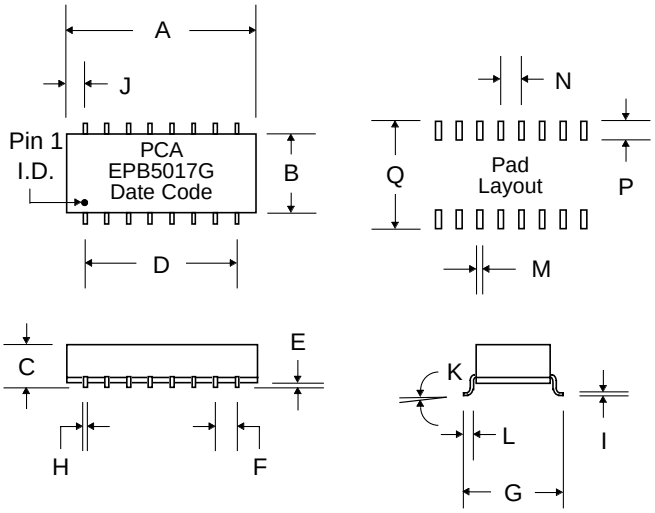
• **Characteristic Filter Impedance** : 100 Ω •

Schematic



2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, & 15

Package



Dimensions

Dim.	(Inches) Min.	Max.	Nom.	(Millimeters) Min.	Max.	Nom.
A	.970	.990	.980	24.64	25.15	24.89
B	.380	.400	.390	9.65	10.16	9.91
C	.223	.243	.233	5.66	6.17	5.92
D	---	---	.700	---	---	17.78
E	.010	.015	.0125	.254	.381	.318
F	---	---	.100	---	---	2.54
G	.500	.520	.510	12.7	13.21	12.95
H	.016	.022	.019	.406	.559	.483
I	.008	.012	.010	.203	.305	.254
J	---	---	.140	---	---	3.56
K	0°	8°	---	0°	8°	---
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.100.	---	---	2.54
P	---	---	092	---	---	2.34
Q	---	---	.560	---	---	14.22

PCA ELECTRONICS, INC.
16799 SCHOENBORN ST.
NORTH HILLS, CA 91343

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

TEL: (818) 892-0761
FAX: (818) 894-5791
http://www.pcainc.com