

Band Pass Filter

EPB5026G

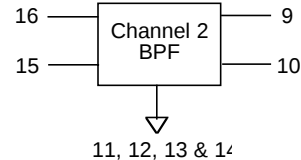
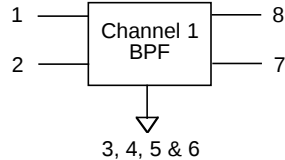
- Optimized for Broadcom BCM6010 •
- Robust construction allows for IR/VP processes •
- Available in SMD, DIP and DIL Packages •
- Temperature Range -40°C to +85°C •

Electrical Parameters @ 25° C

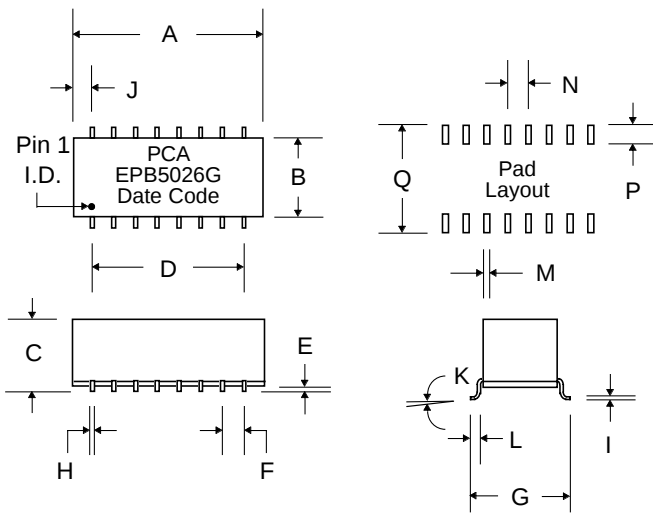
	Cut-off Frequency		Insertion Loss (dB Max.)	Return Loss (dB Min.)	Attenuation (dB Min.)						Group Delay (μS Max.)
Channel 1	Lower Band KHz	Upper Band MHz	300 - 1000 KHz	300 - 1000 KHz	@ 50-100 KHz	@ 150 KHz	@ 200 KHz	@ 1.3 MHz	@ 1.7 MHz	@ 3-6 MHz	300 -1000 KHz
	230-250	1.09-1.12	-1.5	-16	-50	-30	-10	-10	-30	-50	2.5
Channel 2	Lower Band MHz	Upper Band MHz	1.5 - 10 MHz	1.5 - 10 MHz	@ 700 KHz	@ 100 KHz	---	---	---	---	1.5 - 10 MHz
	1.2 - 1.4	11 - 12	-1.5	-16	-25	-25	---	---	---	---	.700

• Characteristic Filter Impedance : 100 Ω • Crosstalk : -40 dB Max. @ 300 KHz - 10 MHz •

Schematic



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.970	.990	.980	24.64	25.15	24.89
B	.380	.400	.390	9.65	10.16	10.92
C	.420	.440	.430	10.67	11.18	9.14
D	.700	Typ.	.700	17.78	Typ.	17.78
E	.010	.015	.0125	.254	.381	.318
F	.100	Typ.	.100	2.54	Typ.	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	Typ.	.140	3.56	Typ.	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