

Transmit High Pass Filter

EPB5011G



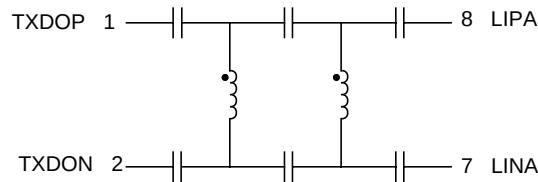
- Globespan Cap Solution •
- Robust construction allows for IR/VP processes •
- Available in SMD Packages •
- Temperature Range -40°C to +85°C •

Electrical Parameters @ 25° C

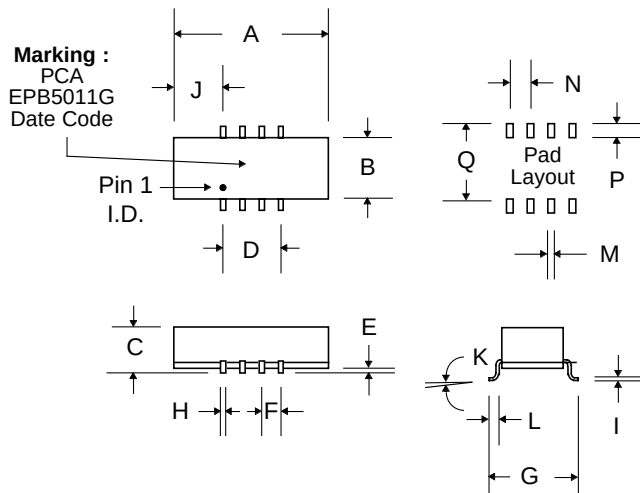
High Pass Cut-off Response	High Pass Response (dB)	High Pass Response (dB)	High Pass In Band Freq. Range	In Band Insertion Loss (dB Max.)	In Band Return Loss (dB Max.)	In Band Group Delay (μS Max.)	Stop Band Attenuation (dB Min..)	Max. Input Signal Power (dB m)	Peak Input Differential Volt. (Vac)
260 KHz - 280 KHz	@ 220 KHz	@ 190 KHz	280 KHz - 2 MHz	300 KHz - 2 MHz	300 KHz - 2 MHz	300 KHz - 2 MHz	10 KHz - 80 KHz		
-3 dB	-25	-50		-1.0	-16	8.5	-50	+20	30

- Filter Characteristic Impedance : 200 Ω ± 5% •

Schematic



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.790	.810	.800	20.07	20.57	20.32
B	.310	.340	.320	7.87	8.64	8.13
C	.230	.250	.240	8.13	6.35	6.10
D	---	---	.300	---	---	7.62
E	.010	.015	.0125	.254	.381	.318
F	---	---	.100	---	---	2.54
G	.410	.430	.420	10.41	13.21	10.69
H	.017	.021	.019	.432	.533	.483
I	.008	.012	.010	.203	.305	.254
J	---	---	.250	---	---	6.35
K	0°	8°	---	0°	8°	---
L	.025	.045	.035	.635	1.14	.889
M	---	---	.040	---	---	1.02
N	---	---	.100	---	---	2.54
P	---	---	.065	---	---	1.65
Q	---	---	.460	---	---	11.68