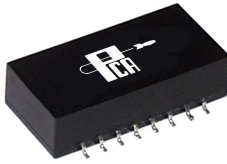


EPB5218G



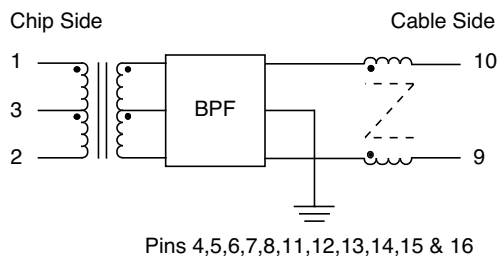
- Designed for HPNA 3.0 Applications
- Robust construction allows for IR/VP processes
- Improved Common Mode Attenuation

Electrical Parameters @ 25° C

Cut-off Frequency		Insertion Loss ¹ (dB Max/)	Return Loss (dB Min.)	Attenuation (dB Min.)				Common to Differential (dB Min.)
Lower Band	Upper Band	4.75 MHz-20.5 MHz	4.75 MHz-20.5 MHz	1.1 MHz	2.2 MHz	24.3 MHz	100 MHz	200 KHz-50 MHz
4	22	-2	-12	-60	-34	-8	-60	-40

• Note 1: Referenced to center frequency of 9.38 MHz • Filter Characteristic Impedance : 100 Ω •

Schematic

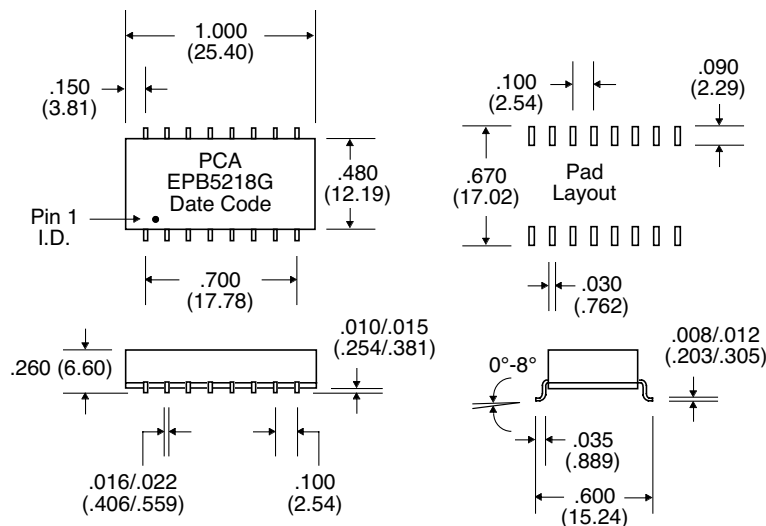


Input Impedance

With 100 Ω load across pins 1 and 2, please refer to the table below. The magnitude of the input impedance shall be > 10 Ω from 0-30 MHz and shall conform to the following lower-bound mask:

Frequency Range (KHz)	Minimum Impedance Ω	Frequency Range (KHz)	Minimum Impedance Ω
0 < f <= 0.285	1 M	855 < f <= 950	400
0.285 < f <= 2.85	100 K	950 < f <= 1000	350
2.85 < f <= 28.5	10 K	1000 < f <= 1400	175
28.5 < f <= 95	4.0 K	1400 < f <= 2300	100
95 < f <= 190	2.0 K	2300 < f <= 2850	50
190 < f <= 285	1.4 K	2850 < f <= 3085	25
285 < f <= 380	1.0 K	3085 < f <= 4000	10
380 < f <= 475	850	4000 < f <= 4750	30
475 < f <= 570	700	20250 < f <= 21000	30
570 < f <= 665	600	21000 < f <= 25000	25
665 < f <= 760	525	25000 < f <= 30000	50
760 < f <= 855	450		

Package



Unless Otherwise Specified Dimensions are in Inches /mm ± .010 / .25