

Long Run Bandpass Filter

EPB5073AG

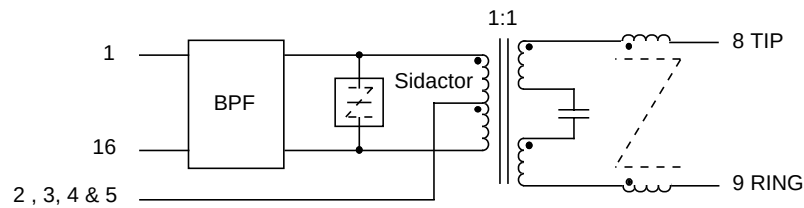
- Robust construction allows for IR processes •
- Temperature Range -40°C to +85°C •
- UL Approved File #E 210972 •

Electrical Parameters @ 25° C

Cut-off Frequency		Insertion Loss (dB Max.)	Return Loss (dB Min.)	Attenuation (dB Min.)		
Lower Band KHz	Upper Band MHz	500KHz - 3MHz	500KHz - 3MHz	@ 6 MHz	@ 15 MHz	@ 35 MHz
50	3.25	-1.5	-15	-55	-45	-25

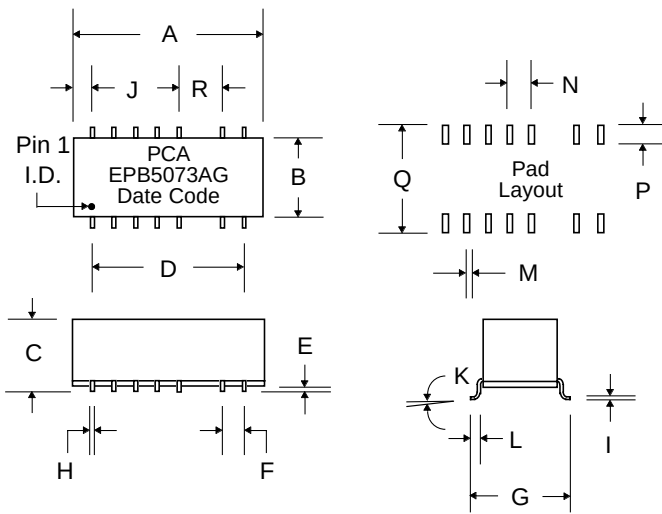
• Filter Characteristics Impedance : 100 Ω Isolation : 1500 Vrms

Schematic



Note: Pins 12, 13, 14 & 15 are connected together but isolated from the rest of the circuit.
Pins 7 & 10 no connections.

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	9.90
C	.370	.380	.375	9.40	9.65	9.53
D	---	---	.700	---	---	17.78
E	.010	.015	.012	.254	.381	.305
F	---	---	.100	---	---	2.54
G	.490	.510	.500	12.45	12.95	12.70
H	.016	.022	.019	.406	.559	.483
I	.008	.012	.010	.203	.305	.254
J	---	---	.140	---	---	3.56
K	0°	8°	4°	0°	8°	4°
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.100	---	---	2.54
P	---	---	.092	---	---	2.34
Q	---	---	.560	---	---	14.22
R	---	---	.200	---	---	5.08