Home Phone Networking Analog Magnetics Module with 10 Base-T

EPB5036G



- Optimized For AMD79C978, Conexant CN7221 & National DP83851 Chips
- UL/IEC 950 Approved File #132261
- Supports TUT Systems HPN Architecture
- Meets or exceeds IEEE 802.3 Requirements
- Robust construction allows for reflow processes
- Temperature Range -40°C to +85°C

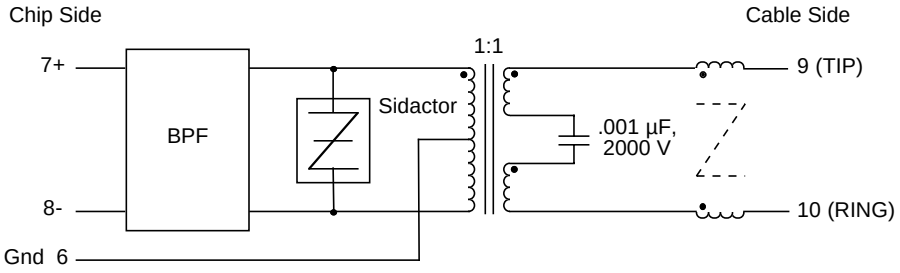
Electrical Parameters @ 25° C

Cut-off Frequency		Insertion Loss (dB Max.)	Return Loss (dB Min.)	Attenuation (dB Min.)	
Lower Band MHz	Upper Band MHz	6.0-9.0 MHz	6.0-9.0 MHz	@ 1 MHz	@ 27 MHz
4.0-5.8	9-11	-3	-12	-60	-55

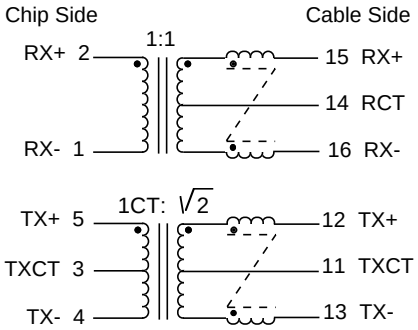
• **Filter Characteristic Impedance** : 100 Ω • **Isolation :** 1500 Vrms •

Schematic

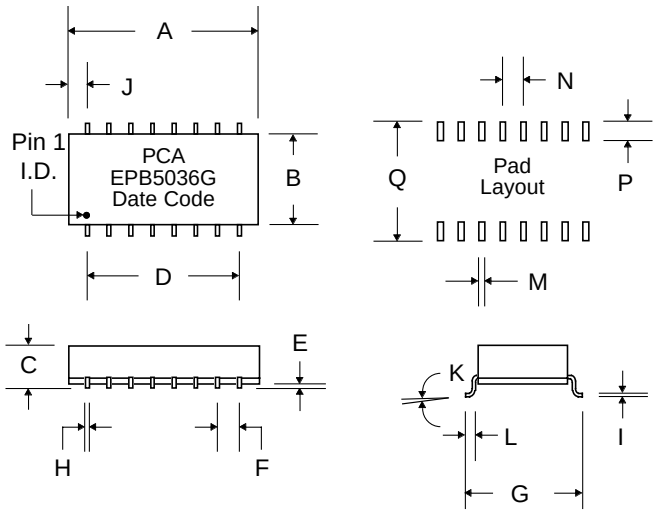
HPNA



10 Base-T



Package



Dimensions

Dim.	(Inches) Min.	Max.	Nom.	(Millimeters) Min.	Max.	Nom.
A	.990	1.010	1.00	25.15	25.65	25.40
B	.470	.490	.480	11.94	12.45	12.19
C	.250	.270	.260	6.35	6.86	6.60
D	---	---	.700	---	---	17.78
E	.010	.015	.0125	.254	.381	.318
F	---	---	.100	---	---	2.54
G	.590	.610	.600	14.99	15.49	15.24
H	.016	.022	.018	.406	.559	.457
I	.008	.012	.010	.203	.305	.254
J	---	---	.150	---	---	3.81
K	0°	8°	4°	0°	8°	4°
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.100	---	---	2.54
P	---	---	.090	---	---	2.29
Q	---	---	.670	---	---	17.02

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

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