

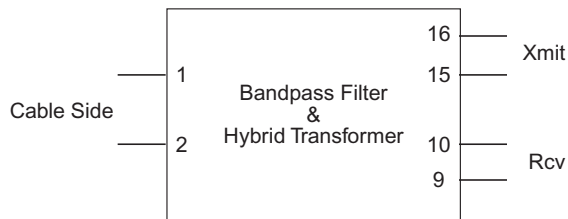
VDSL Bandpass Filter Module

- Designed to match Infineon Technologies VDSL Solutions •
- Bandpass Filter with Integrated Hybrid Transformer •
- Robust construction allows for IR/VP processes •
- 1500 Vrms Isolation •

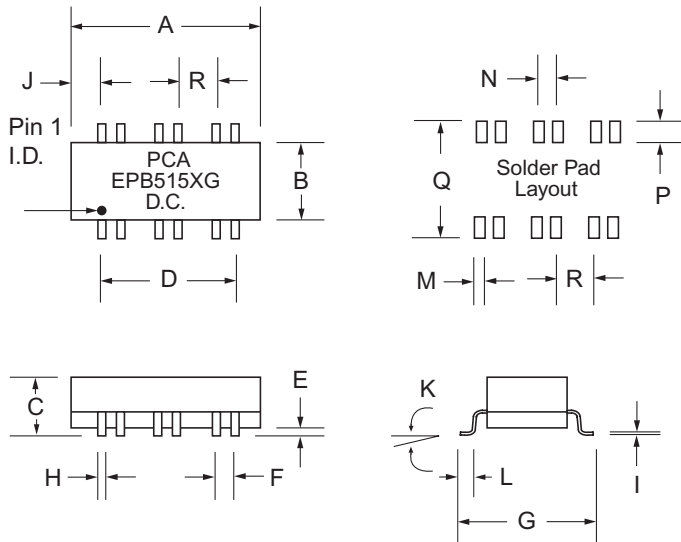
Electrical Parameters @ 25°C

Part Number	Cable Side Impedance	TX Impedance	RX Impedance	Insertion Loss ¹ (dB Max.)	Return Loss (dB Min.)	Attenuation (dB Min.)	
				900 KHz - 7.9 MHz	900 KHz - 7.9 MHz	20 KHz - 150 KHz	@40 MHz
EPB5153G	135	40Ω	270Ω	-0.5	-10	-60	-15
EPB5154G	100	40Ω	270Ω	-0.5	-10	-60	-15

• Transhybrid Isolation : 15 dB Typ. (900KHz - 7.9 MHz) • **Note 1** : Referenced to 2.7 MHz Center Frequency •



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.930	.950	.940	23.62	24.13	23.88
B	.570	.590	.580	14.48	14.99	14.73
C	.280	.300	.290	7.11	7.62	7.37
D	---	---	.700	---	---	17.78
E	.010	.015	.012	.254	.381	.305
F	---	---	.100	---	---	2.54
G	.710	.730	.720	18.03	18.54	18.29
H	.016	.022	.018	.406	.559	.457
I	.008	.012	.010	.203	.305	.254
J	---	---	.120	---	---	3.05
K	0°	8°	4°	0°	8°	4°
L	.025	.045	.035	.635	1.14	.889
M	---	---	.050	---	---	1.27
N	---	---	.100	---	---	2.54
P	---	---	.090	---	---	2.29
Q	---	---	.760	---	---	19.30
R	---	---	.200	---	---	5.08