

# VDSL Hybrid Module

APC77128



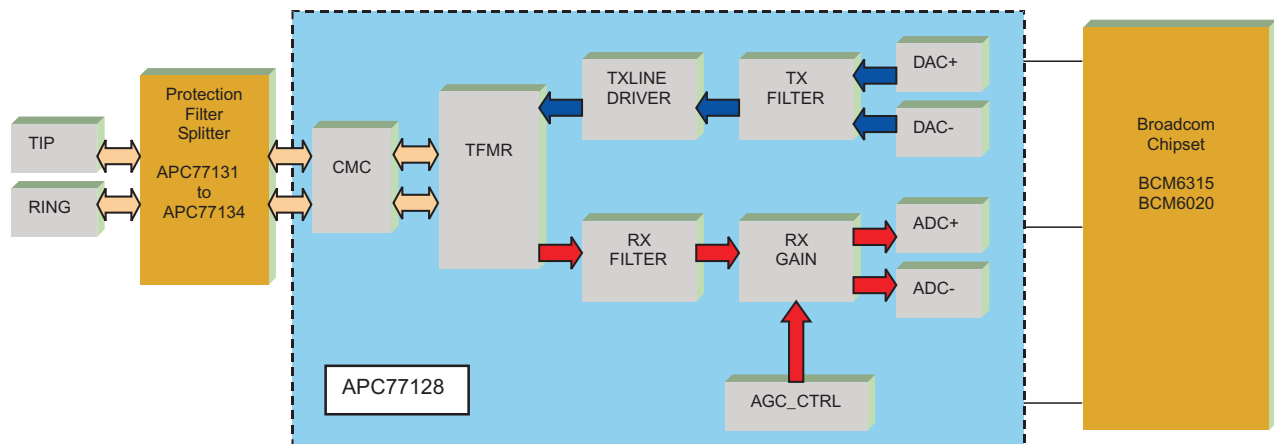
## FEATURES

- Designed for Broadcom BCM6315 and BCM6020 VDSL chipset
- Symmetric CO design
- Includes 2 wire line interface hybrid, TX and RX filters and AGC control
- 1500V line isolation transformer
- Minimum surface mount footprint for increased line card density

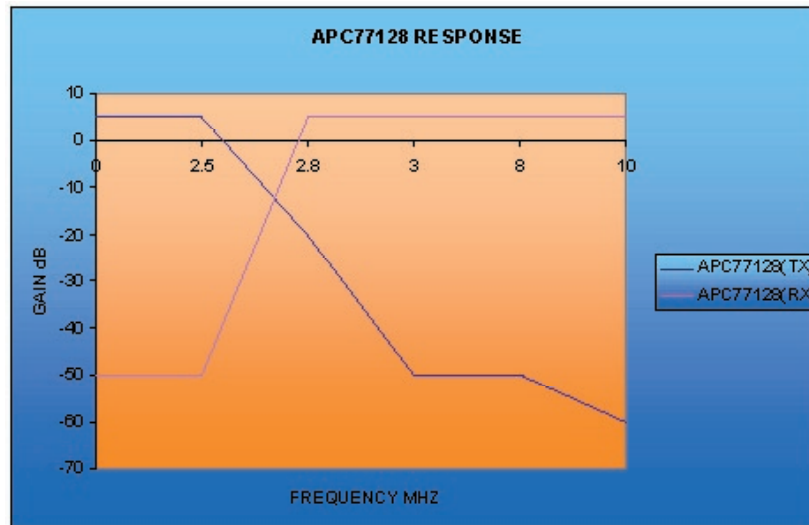
## ELECTRICAL SPECIFICATIONS AT 25°C

Description	Passband Freq	Stopband Freq	Attenuation min	Impedance
VDSL LPF (TX)	DC to 2.5 MHz	3 MHz >	50dB	100R
VDSL HPF (RX)	2.8MHz >	DC to 2.5MHz	50dB	100R

## BLOCK DIAGRAM

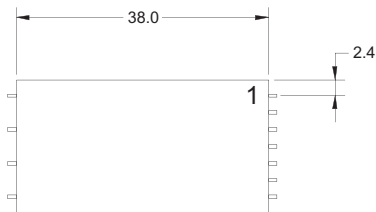


### FREQUENCY ALLOCATION

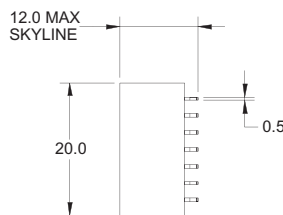


### MECHANICAL

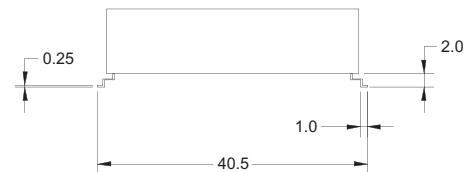
Top View



End View

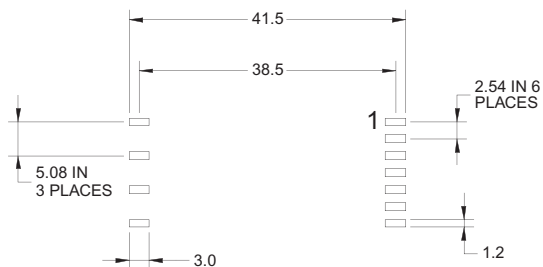


Side View



Pin No.	Signal
1	DACP
2	DACN
3	0V
4	AGC_CTRL
5	+12V
6	ADCP
7	ADCN
8	N/C
9	RING
10	TIP
11	N/C

Recommended PCB Layout



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