

# bel

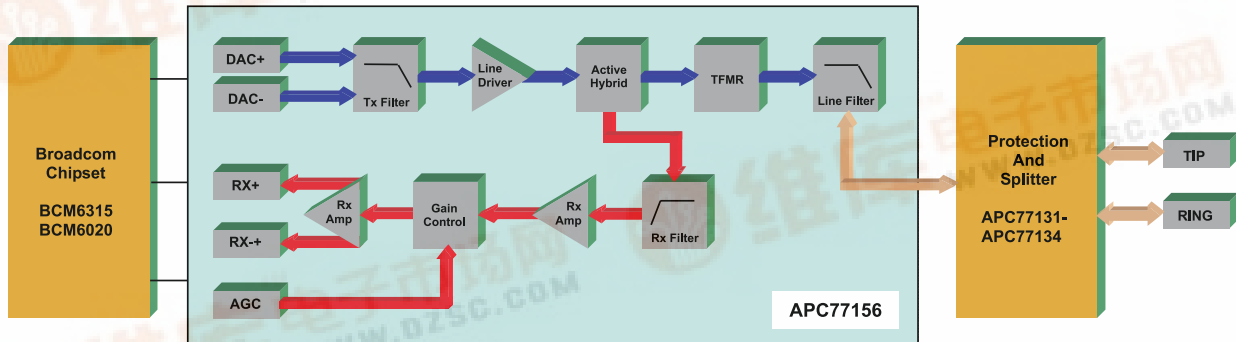
## VDSL Hybrid Module

### APC77156

### FEATURES

- Designed for Broadcom BCM6315 and BCM6020 VDSL chipsets
- Plan998 based symmetric CO design
- Includes band pass line filter, 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

### BLOCK DIAGRAM



### ELECTRICAL SPECIFICATIONS@25°C OPERATING TEMPERATURE -40°C TO +85°C

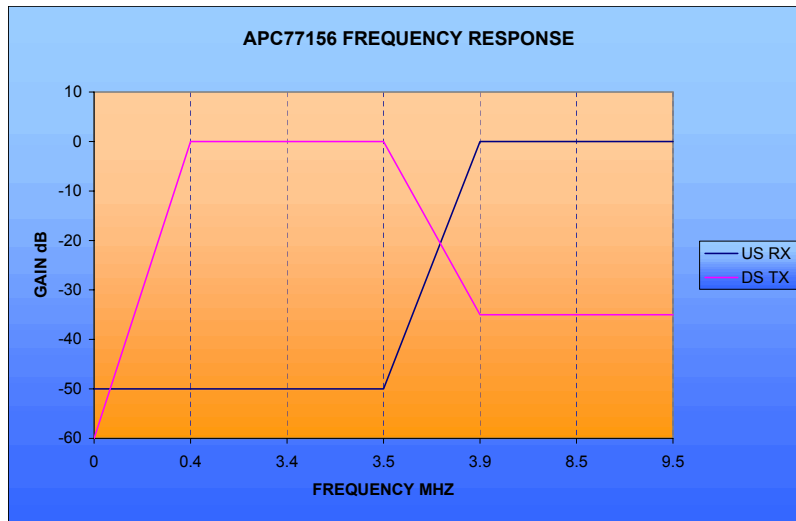
Description	Passband Freq	Stopband Freq	Attenuation min
VDSL LPF (TX)	400kHz to 3.5MHz	>3.9MHz	35dB
VDSL HPF (RX)	3.9MHz >	DC to 3.5MHz	35dB





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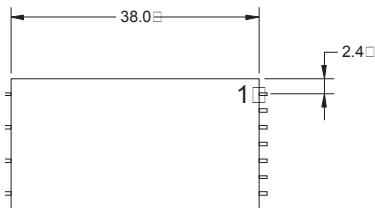
### FREQUENCY ALLOCATION



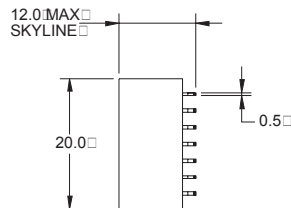
### MECHANICAL

#### APC77156

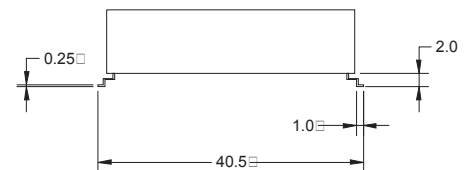
Top View



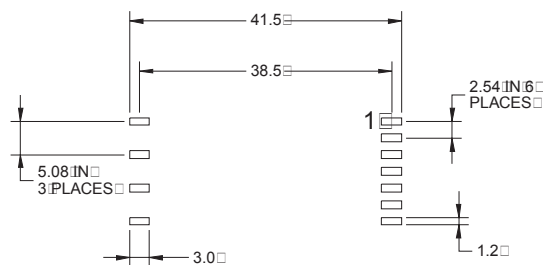
End View



Side View



Recommended PCB Layout



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