

ISDN LPF Protection Module

APC77158



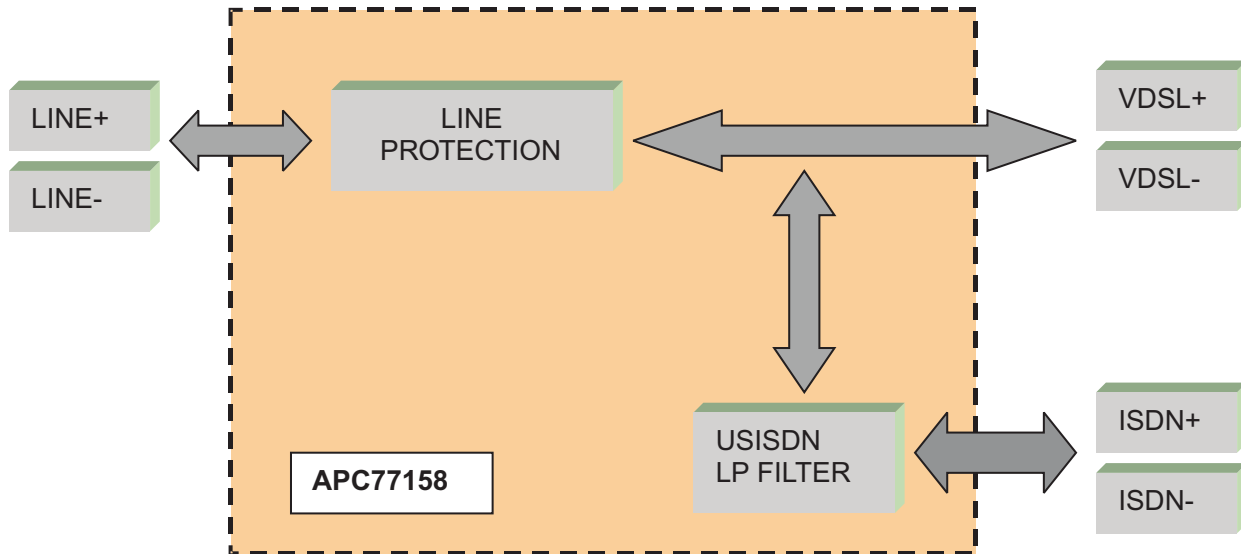
FEATURES

- Designed for Broadcom BCM6315 and BCM6020 VDSL chipsets
- Designed to be used with APC77155 MII Plan998+ AFE
- Includes Line Protection (voltage and current) and US ISDN Low Pass Filter Function
- Packaged to complement the APC77131-134 VDSL splitter series
- Minimum surface mount footprint for increased line card density

ELECTRICAL SPECIFICATIONS@25°C

Description	Passband Freq	Stopband Freq	Attenuation min	Impedance
US ISDN	DC to 90 KHz	350 KHz >	70dB	100R

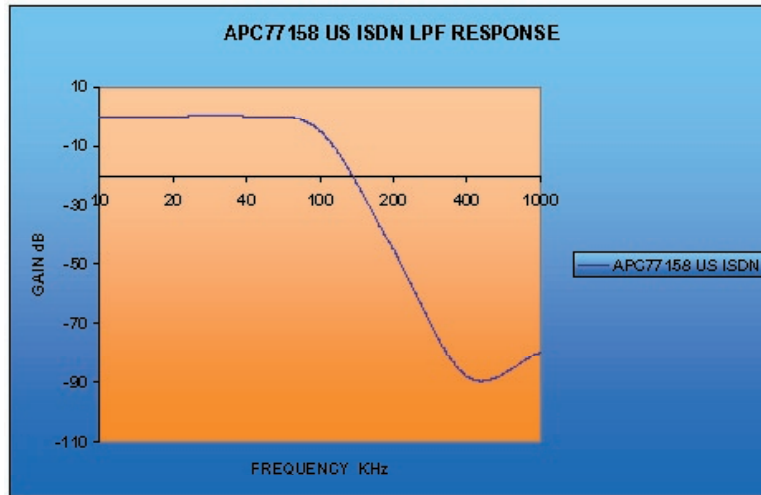
BLOCK DIAGRAM



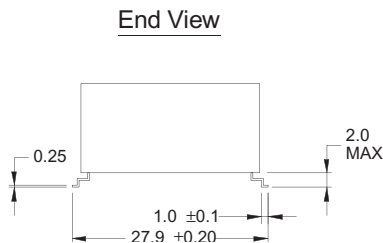
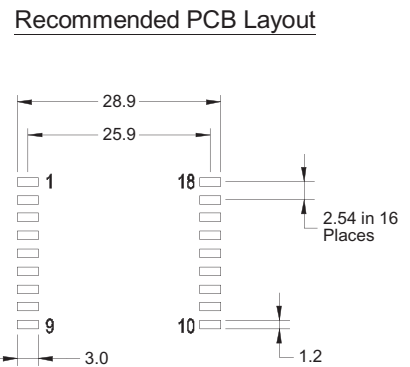
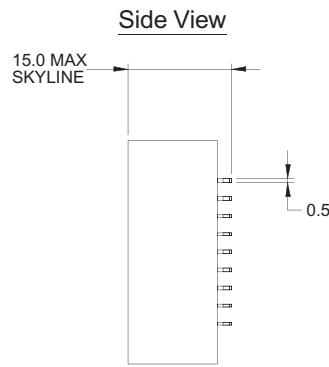
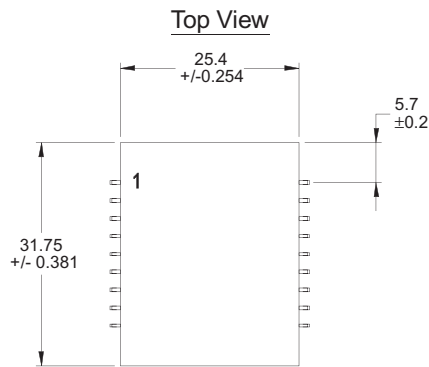
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FREQUENCY ALLOCATION



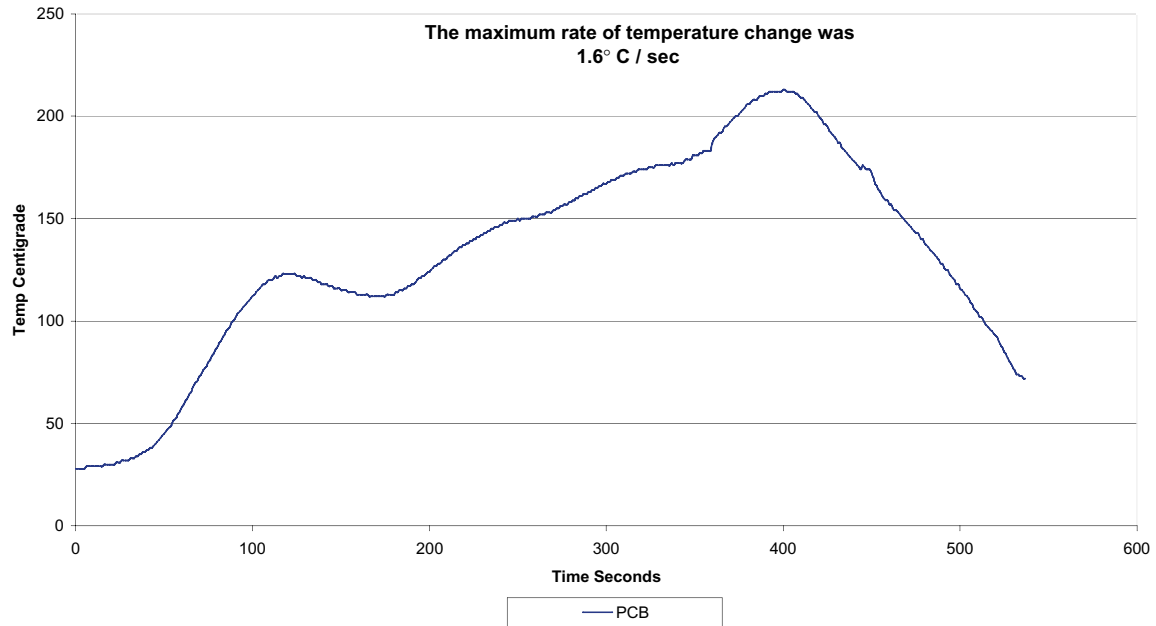
MECHANICAL



Pin No.	Signal	Pin No.	Signal
1	RING	10	N/C
2	FGND	11	N/C
3	FGND	12	N/C
4	TIP	13	N/C
5	N/C	14	N/C
6	ISDN P	15	N/C
7	N/C	16	VDSL N
8	N/C	17	N/C
9	ISDN N	18	VDSL P

REFLOW PROFILE

Recommended Reflow profile of Host PCB for APC SMT Parts
The maximum temperature reached by the PCB was 214° C and was within 1° of this for 16 seconds.



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CORPORATE

Bel Fuse Inc.
206 Van Vorst Street
Jersey City, NJ 07302
Tel 201-432-0463
Fax 201-432-9542
www.belfuse.com

FAR EAST

Bel Fuse Ltd.
8F / 8 Luk Hop Street
San Po Kong
Kowloon, Hong Kong
Tel 852-2328-5515
Fax 852-2352-3706
www.belfuse.com

EUROPE

Bel Stewart Connector
45/46 Riverside
Medway City Estate
Rochester, Kent ME2 4DP U.K.
Tel 44-1634-722890
Fax 44-1634-716677
www.belfuse.com