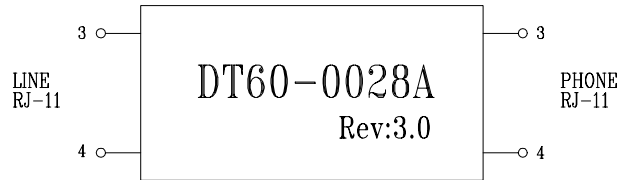
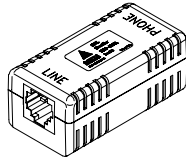
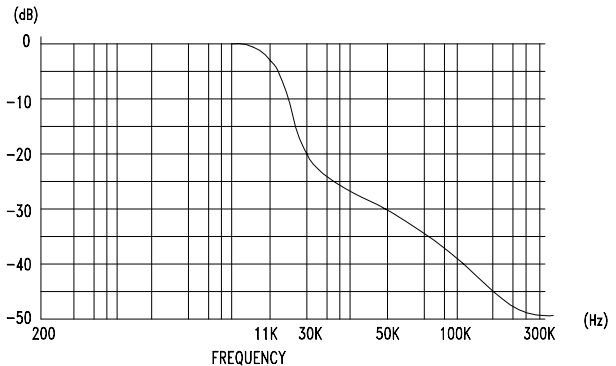




# ADSL MICROFILTER DT60-0028A Rev:3.0

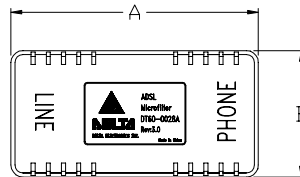


- The ADSL low pass filter is used to block any noise generated by other phones, fax's being introduced on the POT line.
- The filter with two or three orders is used to separate and reduce the voice band harmonics.



## FEATURE

- UL-1950, UL94V-0 compliant
- Operation Temperature  $-10^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$
- Operation Humidity 10% to 90% RH
- Data and voice links operate independently, preventing mutual interface between those signals.
- The POT splitter and Low-pass filter will not affect the normal use of telephone service even the power supply or itself fails.

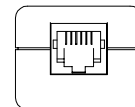
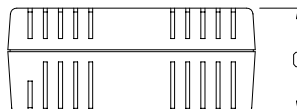


UNIT: mm

A =  $78.00 \pm 0.50$

B =  $31.60 \pm 0.50$

C =  $22.00 \pm 0.50$



| ELECTICAL CHARACTERISTICS |  |
|---------------------------|--|
| 3dB CUTOFF FREQUENCY      | 10KHz  |
| ATTENUATION DISTORTION    | $\pm 0.5\text{dB}$ @200Hz ~ 3.4KHz                   |
| ATTENUATION               | 18dB @30KHz<br>30dB @100~300KHz<br>40dB @300~1104KHz |
| INSERTION LOSS            | 1dB Max. @1004Hz                                     |
| RETURN LOSS               | 15dB @300Hz~2KHz<br>12dB @2KHz~3.4KHz                |
| LONGITUDINAL BALANCE      | 46dB Min. @50Hz ~ 3.4KHz                             |
| D.C RESISTANCE EACH LINE  | 30 $\Omega$ Max.                                     |
| DELAY DISTORTION          | 150uS Max. @500Hz ~ 2.8KHz                           |
| DC CURRENT                | 120 mA   |
| INSULATION RESISTANCE     | 250VDC @TIP TO RING                                  |