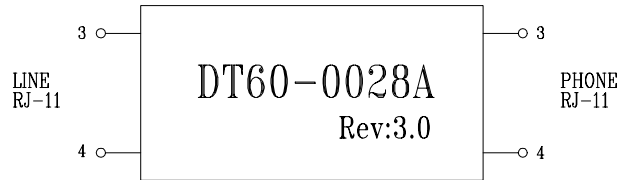
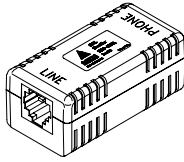
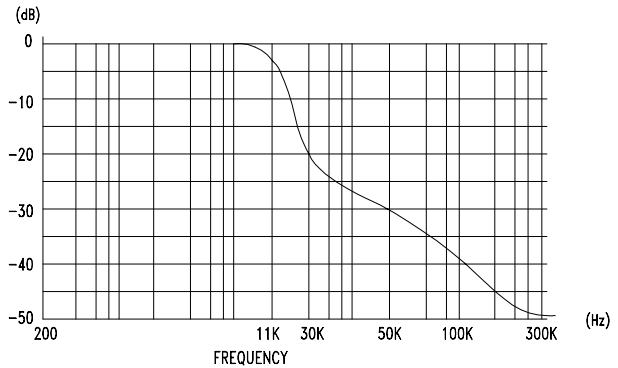




ADSL MICROFILTER DT60-0028A Rev:3.0

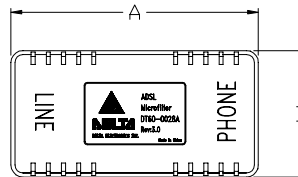


- The ADSL low pass filter is used to block any noise generated by other phones, fax's being introduced on the POT line.
- The filter with two or three orders is used to separate and reduce the voice band harmonics.



FEATURE

- UL-1950, UL94V-0 compliant
- Operation Temperature -10°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.

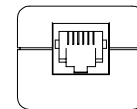
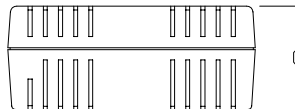


UNIT: mm

A = 78.00 ± 0.50

B = 31.60 ± 0.50

C = 22.00 ± 0.50



ELECTRICAL CHARACTERISTICS

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