# POTS/ISDN Splitter

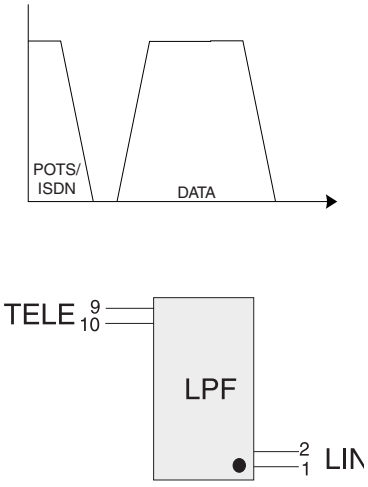
## APC77101

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

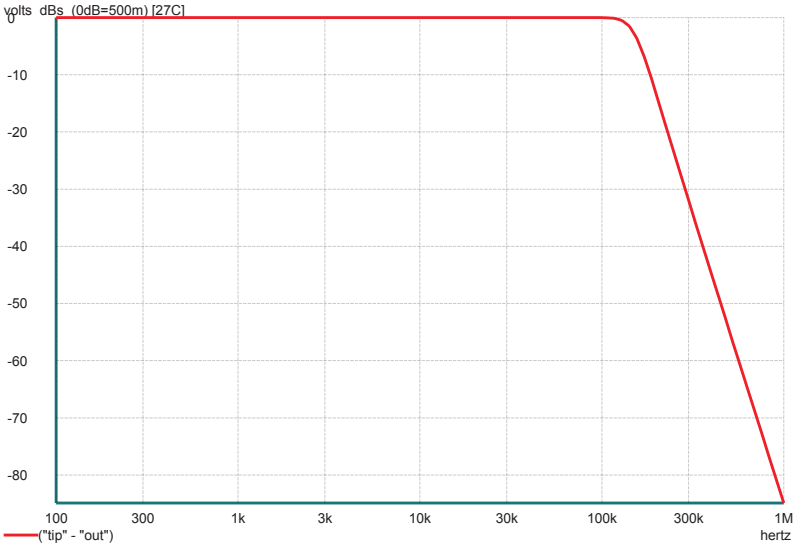
| Description | Passband Frequency | Insertion Loss max | Return Loss min | Stopband Frequency | Attenuation min | Impedance |
|---|---|---|---|---|---|---|
| ISDN Splitter LPF | DC to 125kHz | 0.4 dB | 20 dB | 800kHz to 7.9MHz | 65 dB | 150 |

NOTES: APPLICATION OF APC77101 POTS/ISDN SPLITTER
- MATCHED IMPEDANCES
- PROVIDES POTS <-> XDSL ISOLATION
- ALLOWS DC LOOP CURRENT OF 100 mA DC MIN
- MINIMIZES LOSSES
- PRESERVES POTS QOS

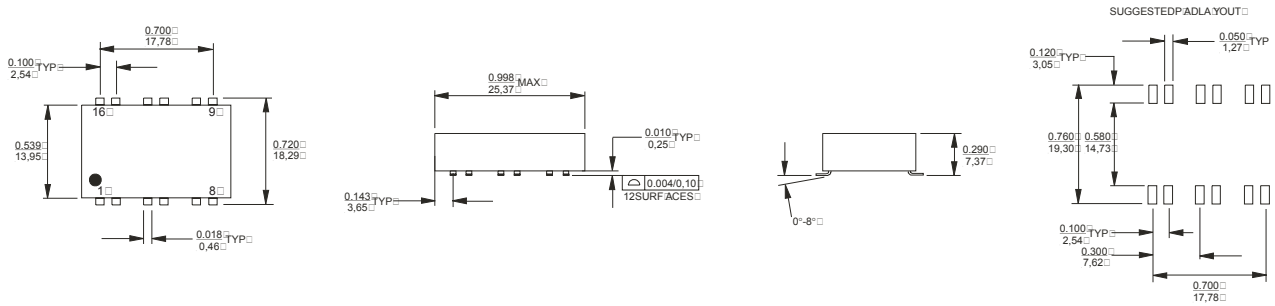
## SCHEMATIC




APC77101 FILTER RESPONSE




## MECHANICAL




NOTES: DIMENSIONS INCHES UNLESS OTHERWISE SPECIFIED
MM

ALL TOLERANCES +/- 0.010
0.25

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