# VDSL/POTS CO/CPE Splitter
## 0803-7700-10

## FEATURES

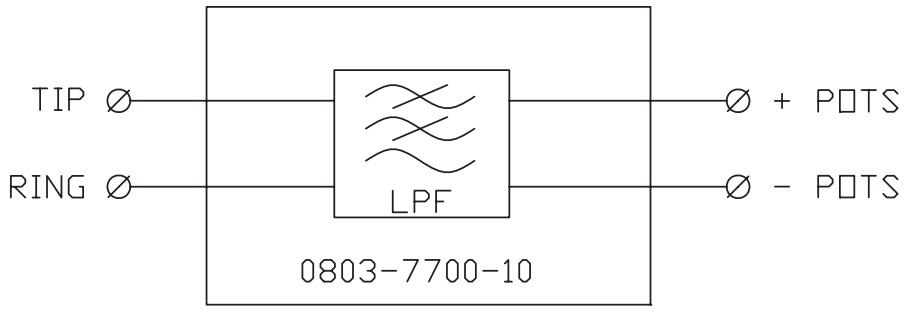
- Compact, single channel LPF (POTS) VDSL splitter
- Minimum through hole footprint for increased port density
- Complies with ANSI T1.424 Trial Use 600 ohms relevant to low pass function
- Operating temperature -40° C to +85° C
- RoHS compliant

RoHS 2002/95/EC

## ELECTRICAL SPECIFICATIONS@25°C

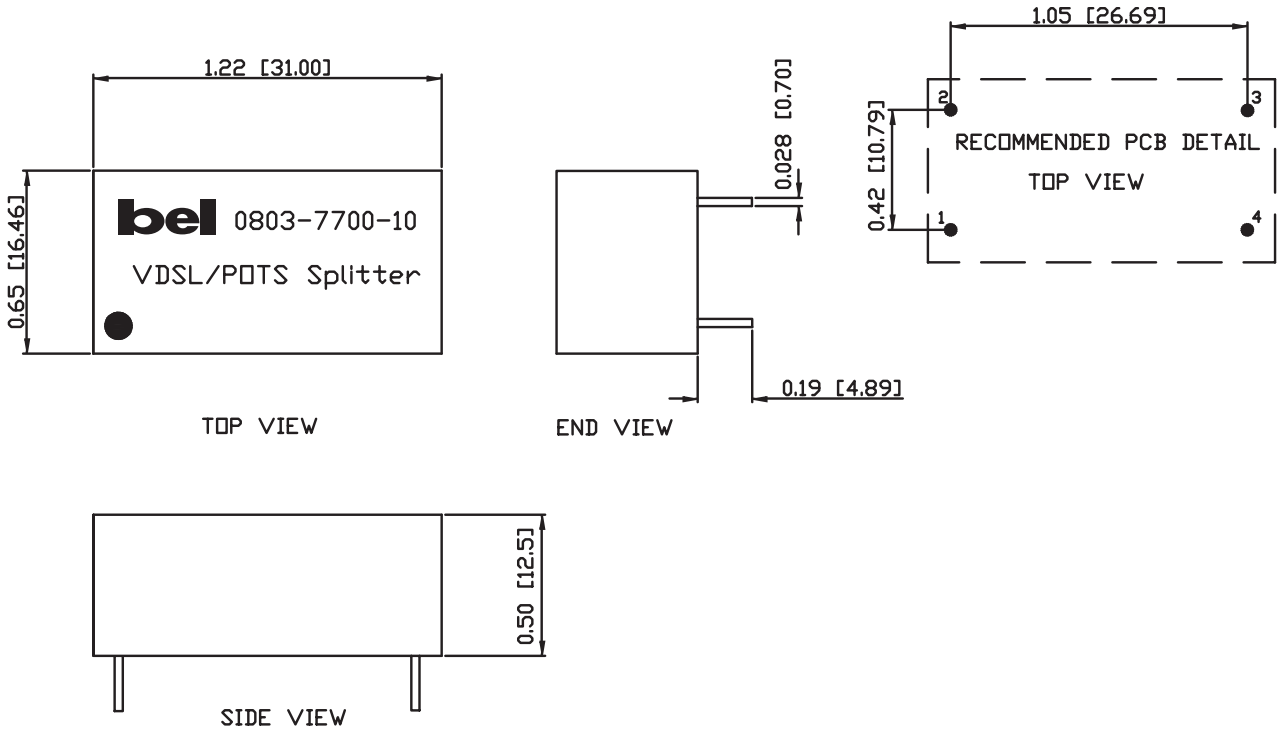
| LPF | | | |
|---|---|---|---|
| **Item** | **Name** | **Specification** | **Condition** |
| 1 | DC Resistance | 25R max | At the POTS I/F with Line Shorted |
| 2 | Tip > Ring Capacitance | 125nF max | 2 attached modems overall admittance capacitance |
| 3 | Insertion Loss | -1.0 dB max | 0.2 to 4 kHz |
| 4 | Stop Band Attenuation | -65 dB min | 25 kHz to 12 MHz |
| 5 | Return Loss | -8 dB min | ERL |
| | | -5 dB min | SRL-L / SRL-H |
| 6 | Group Delay | 200 uS max | 0.2 to 3.2 kHz |
| | | 250 uS max | 3.2 to 4.0 kHz |

## BLOCK DIAGRAM




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## MECHANICAL




ALL DIMENSIONS IN INCHES [MM].
TOLERANCE ±0.002 [0.05] UNLESS OTHERWISE STATED.

| Pin Number | Signal |
|---|---|
| 1 | Tip |
| 2 | Ring |
| 3 | POTS_N |
| 4 | POTS_P |

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