# P/N: VP3201 DATA SHEET



## Feature

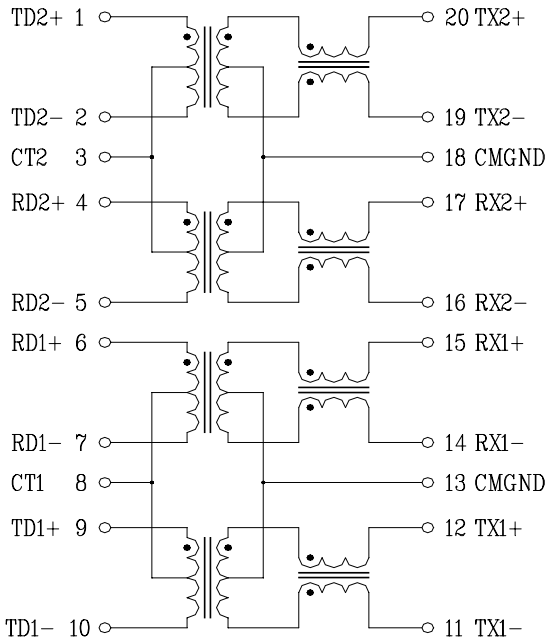



- IEEE 802.3af/ANSI X3.263 compliant performance.
- 350mA current capability.
- Designed to for IP phone or switch applications.
- 20-PIN DIP package for economic cost.
- Operating temperature range: 0℃ to +70℃.
- Storage temperature range: -25℃ to +125℃.

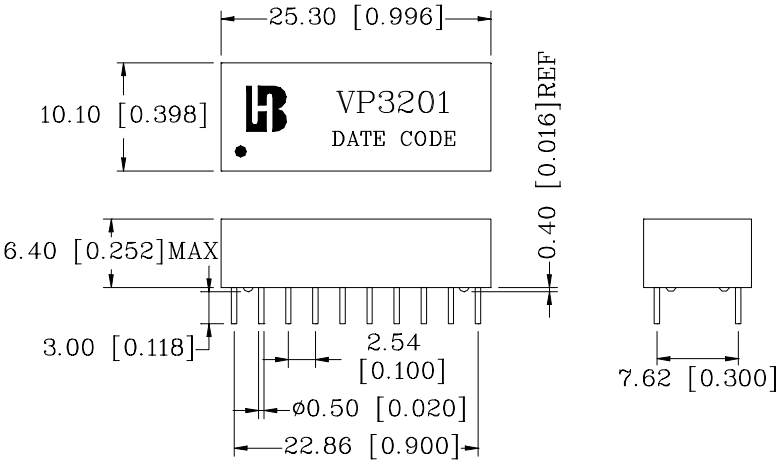
| Electrical Specifications @ 25°C | | | | | | | |
|---|---|---|---|---|---|---|---|
| Part Number | Turns Ratio (±3%) | | OCL (uH Min) @100KHz/0.1Vrms with 8mA DC Bias | $C_{W/W}$ (pF Max) | Insulation Resistance (MΩ)@50$V_{DC}$ | DCR (Ω Max)TX/RX | HI-POT (Vrms) |
| | TX | RX | | | | | |
| VP3201 | 1CT:1CT | 1CT:1CT | 350 | 50 | 10,000 | 0.9 | 1500 |

| Continue | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Part Number | Insertion Loss (dB Max) | Return Loss (dB Min) | | | Cross talk (dB Min) | | DCMR (dB Min) | | |
| | 0.3-100MHz | 0.3-30MHz | 30-60MHz | 60-80MHz | 0.3-60MHz | 60-100MHz | 30MHz | 60MHz | 100MHz |
| VP3201 | -1.1 | -18 | -14 | -12 | -45 | -35 | -40 | -35 | -30 |

## Schematic




## Mechanical




Units: mm[Inches] Tolerancesxx.x0±0.25[0.010]
0.xx±0.05[0.002]