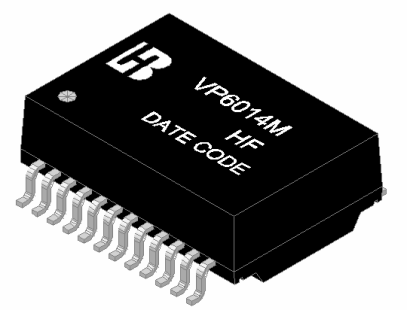
# 1000 BASE –T SINGLE PORT VOICE OVER IP MAGNETICS MODULE
# P/N: VP6014M HF DATA SHEET

BOTHHAND USA

## Feature

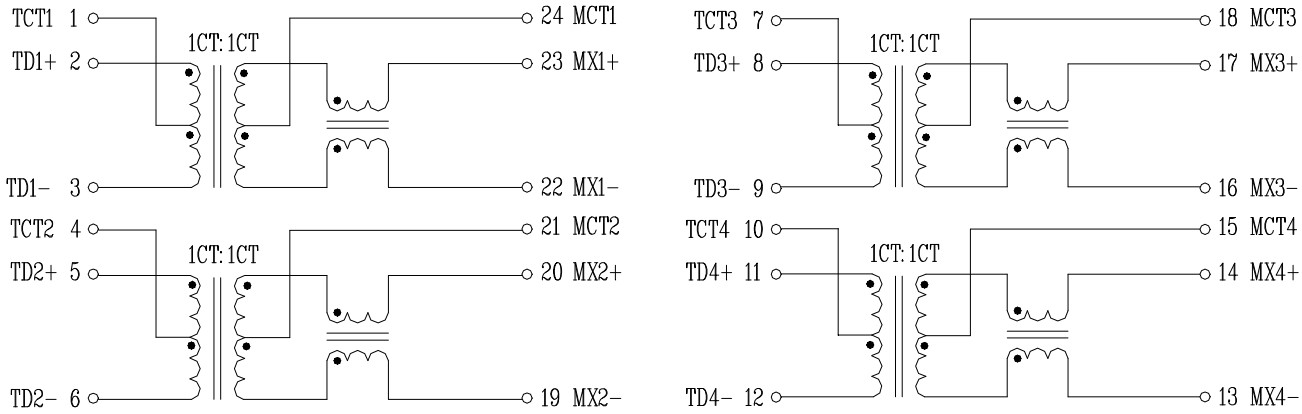



- IEEE 802.3at/ANSI X3.263 compliant performance.
- Suitable for End-span POE applications with ６００mA current capability.
- Comply with ROHS & Halogen Free requirements.
- Operating temperature range: -40℃ to +85℃.
- Storage temperature range: -40℃ to +85℃.

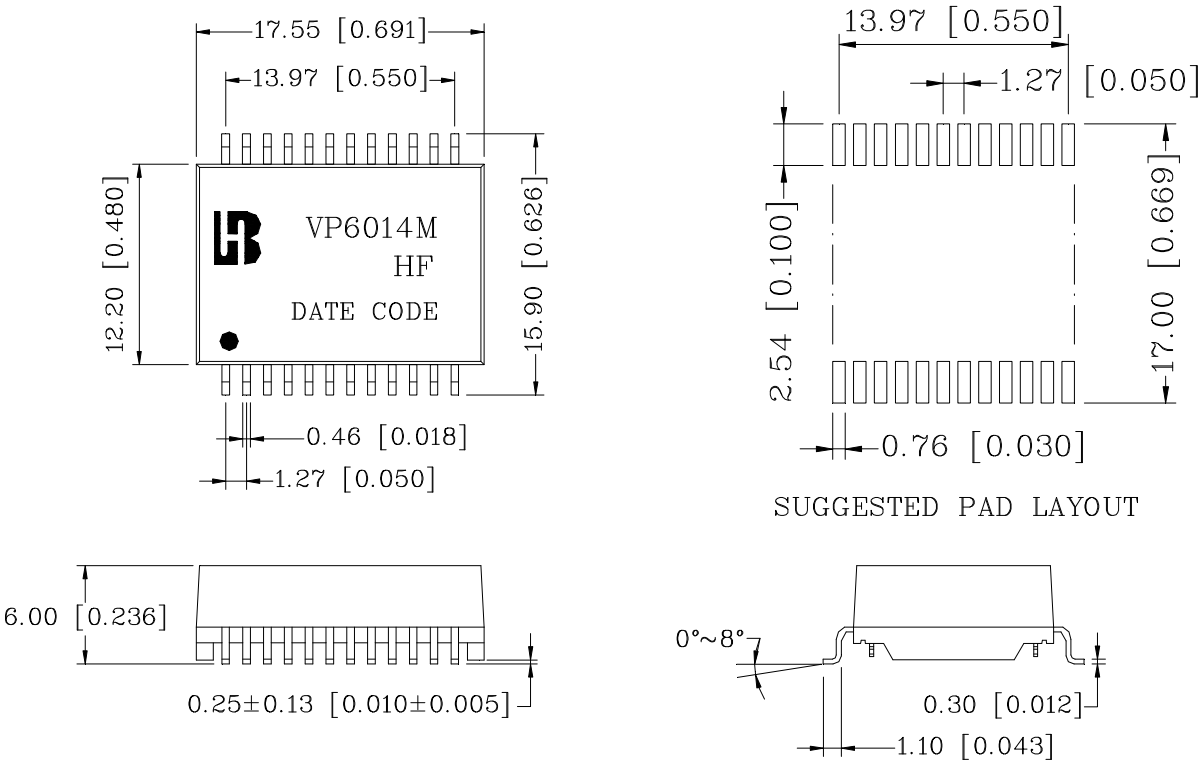
| Electrical Specifications @ 25°C | | | | | | | |
|---|---|---|---|---|---|---|---|
| Part Number | Turns Ratio (±5%) | | OCL (uH Min) @100KHz/0.1V with 8mA DC Bias | Cross talk Attenuation (dB Min) | | | HI-POT (Vrms) |
| | TX | RX | | 30MHz | 60MHz | 100MHz | |
| VP6014M HF | 1CT:1CT | 1CT:1CT | 350 | -45 | -40 | -35 | 1500 |

| Continue | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Part Number | Insertion Loss (dB Max) | Return Loss (dB Min)@Load 100Ω | | | | | DCMR (dB Min) | | |
| | 1-100MHz | 1-30MHz | 40MHz | 50MHz | 60-80MHz | 100MHz | 30MHz | 60MHz | 100MHz |
| VP6014M HF | -1.0 | -18 | -14.4 | -13.1 | -12 | -10 | -43 | -37 | -33 |

## Schematic



## Mechanical




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