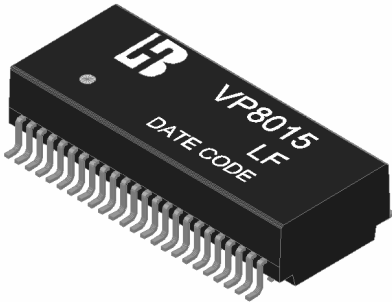


# 1000 BASE -T DUAL PORT VOICE OVER IP MAGNETICS MODULE

## P/N: VP8015 LF DATA SHEET

### Feature



- IEEE 802.3af/ANSI X3.263 compliant performance.
- Suitable for End-span POE applications with 720mA current capability.
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6+, No PBB and PBDE and No Pb on external pins.
- Operating temperature range: 0 to +70 .
- Storage temperature range: -25 to +125 .

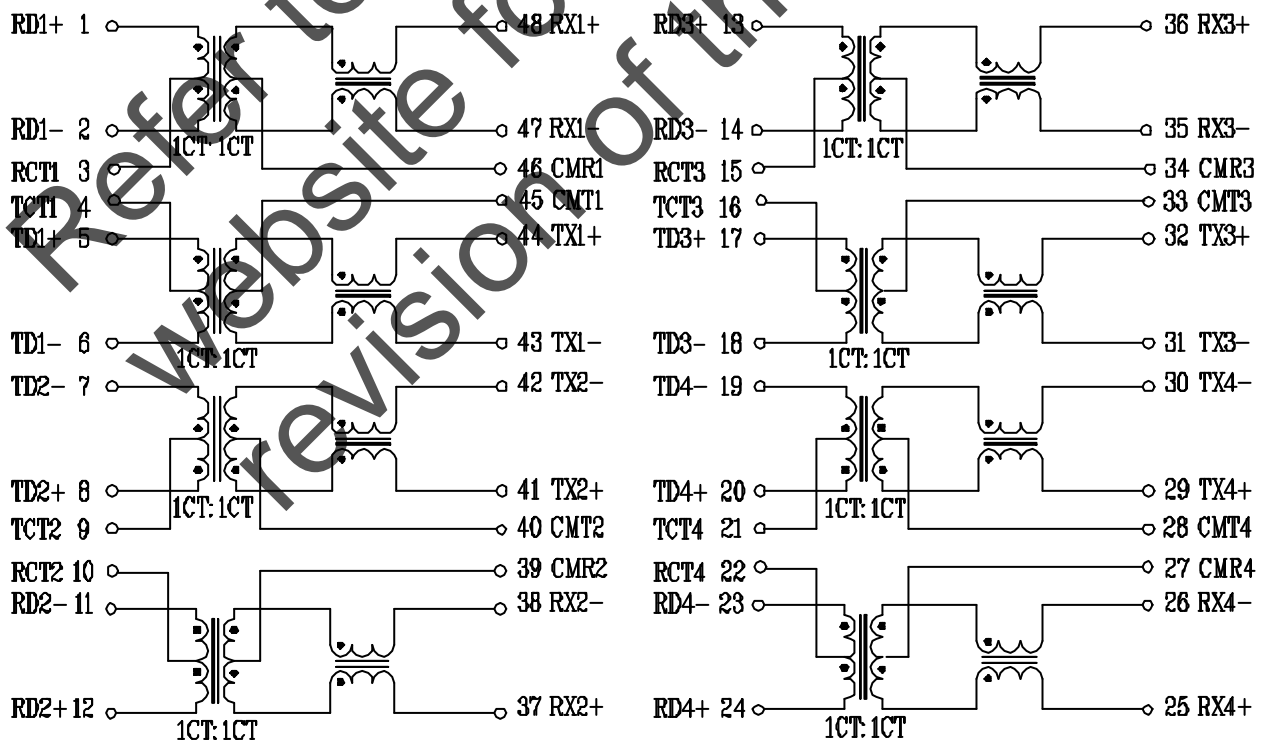
### Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL (uH Min) @100KHz/0.1V with 18mA DC Bias	Cross talk Attenuation (dB Min)			HI-POT (Vrms/sec)
	TX	RX		30MHz	60MHz	100MHz	
VP8015 LF	1CT:1CT	1CT:1CT	350	-40	-35	-30	1500/60

### Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min) @ Load 100					DCMR (dB Min)		
		1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz
VP8015 LF	-1.0	-18	-14.4	-13.1	-12	-10	-43	-37	-33

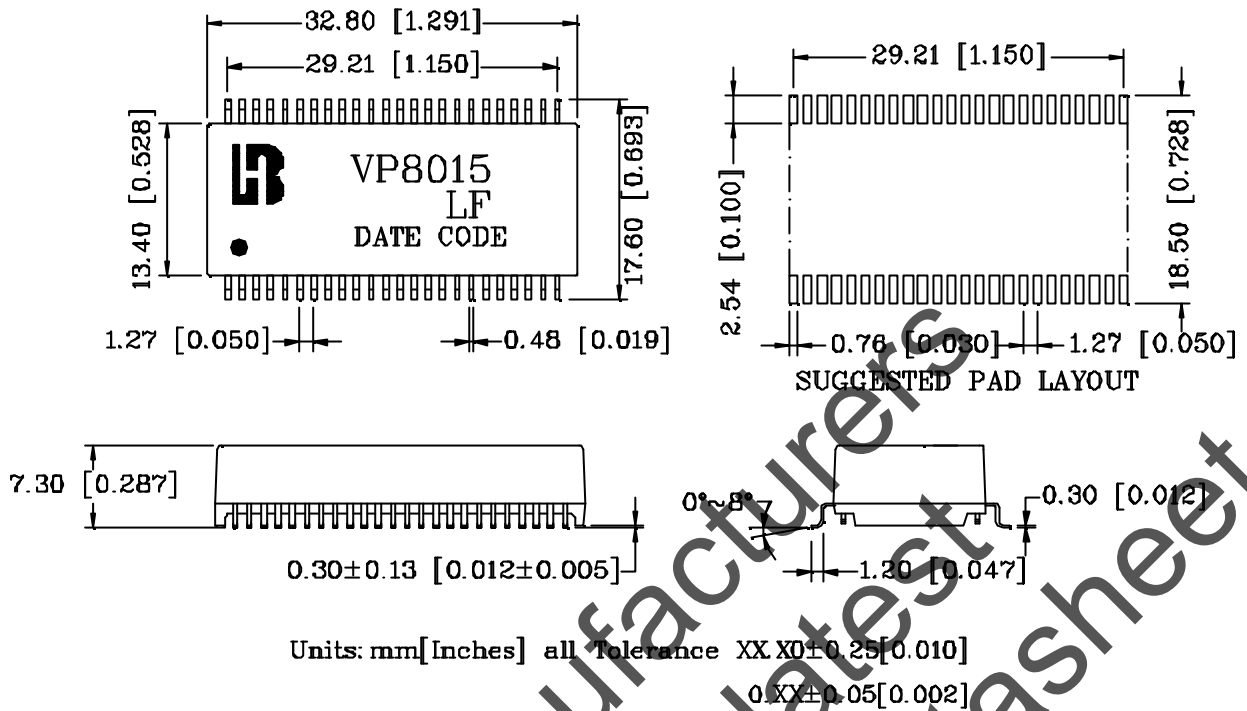
### Schematic



# 1000 BASE -T DUAL PORT VOICE OVER IP MAGNETICS MODULE

## P/N: VP8015 LF DATA SHEET

### Mechanical



Refer to Manufacturer's website for the latest revision of this datasheet