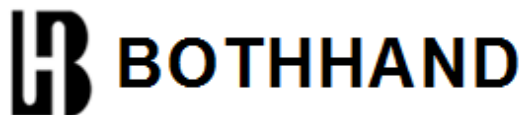
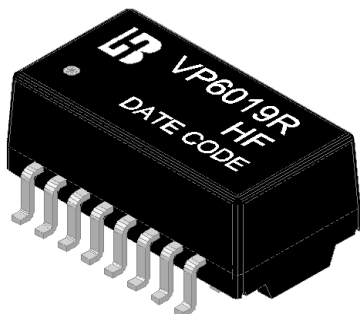


**VP6019R HF**  
**SMD 1000 BASE-T Single & Dual Port**  
**Voice Over IP Discrete LAN Magnetics**



**Feature**



- IEEE 802.3at/ANSI X3.263 complying performance.
- POE applications with 700mA current capability.
- Complying with ROHS & Halogen Free requirements.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +85°C.

**Electrical Specifications @ 25°C**

Part Number	Turns Ratio (±5%)		OCL (Min) @100KHz/0.1V with 8mA DC Bias	L.L (uH Max)	CW/w (PF Max)	DCR (Ω Max)	HI-POT
	TX	RX					
VP6019R HF	1CT:1CT	1CT:1CT	350	0.5	28	1.1	AC1500V/1mA

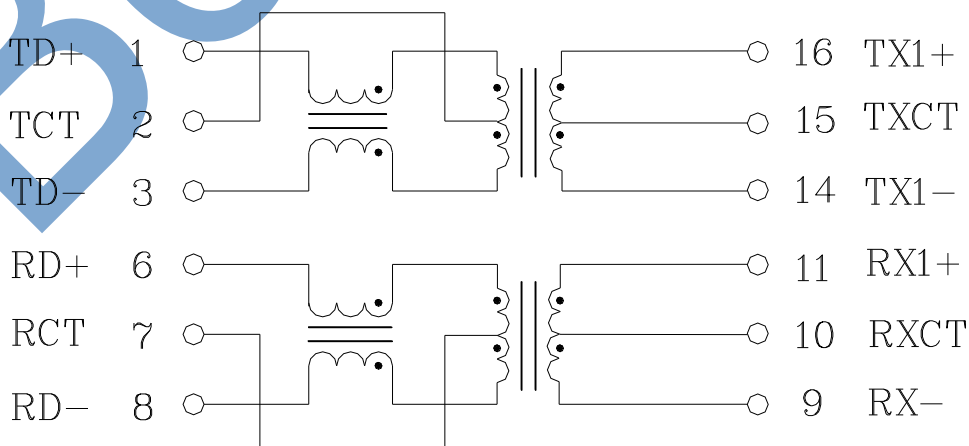
**Continue**

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)@Load 100Ω			
		1-100MHz	1-30MHz	40MHz	50MHz
VP6019R HF	-1.2	-16	-14	-13	-12

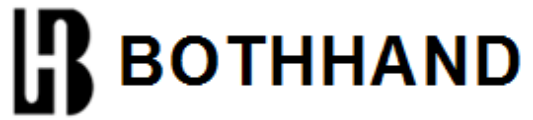
**Continue**

Part Number	Cross talk (dB Min)			DCMR (dB Min)		
	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
VP6019R HF	-45	-40	-35	-43	-37	-33

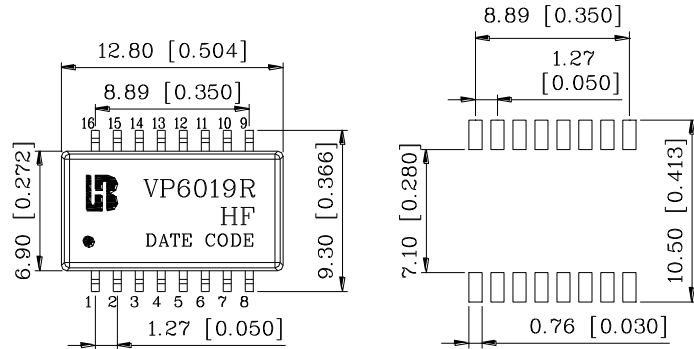
**Schematic**



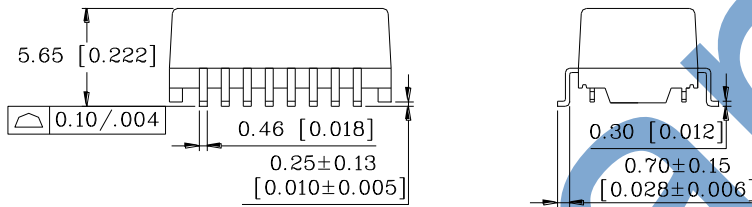
**VP6019R HF**  
**SMD 1000 BASE-T Single & Dual Port**  
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**Mechanical**

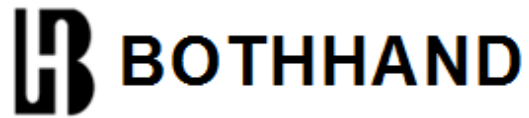


SUGGESTED PAD LAYOUT

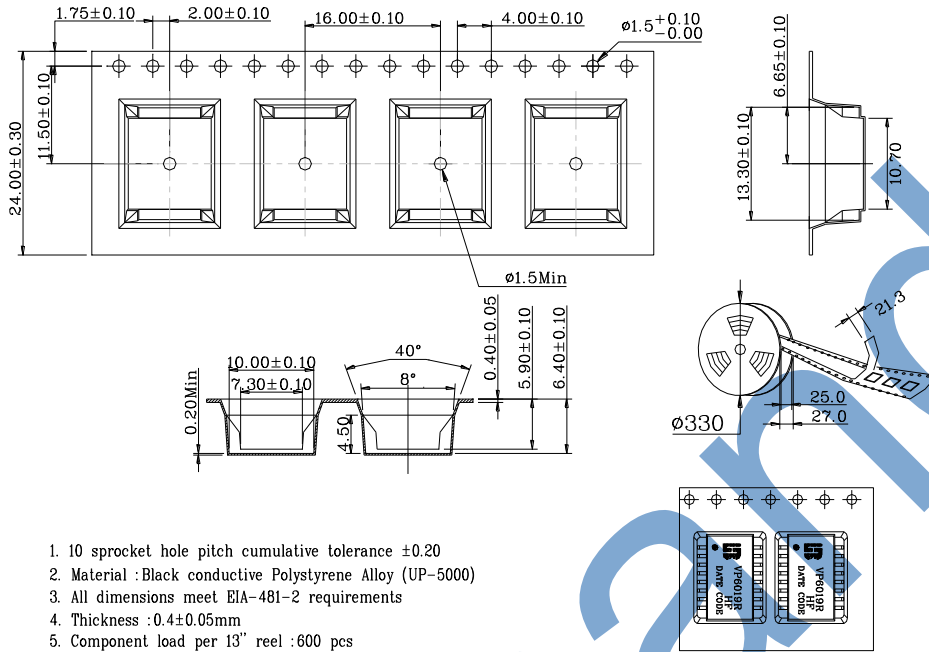


Units: mm[Inches] Tolerances: xx.xx±0.25[0.010]  
 0.xx±0.05[0.002]

**VP6019R HF**  
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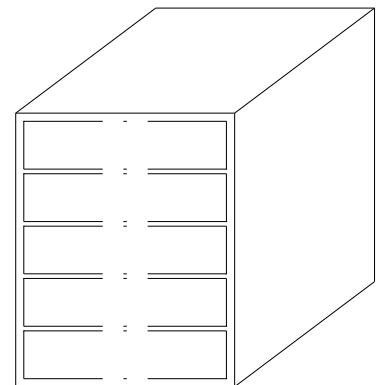
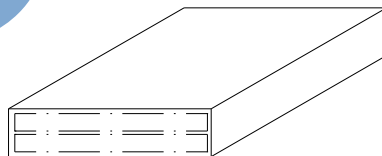
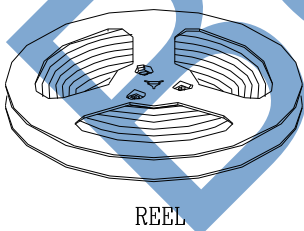


**REEL PACKAGE**



1. 10 sprocket hole pitch cumulative tolerance  $\pm 0.20$
2. Material : Black conductive Polystyrene Alloy (UP-5000)
3. All dimensions meet EIA-481-2 requirements
4. Thickness :  $0.4 \pm 0.05$ mm
5. Component load per 13" reel : 600 pcs
6. Packing length per 22" reel : 32.5 Meters.
7. Carrier camber is within 1 mm in 250 mm.

**CARTON PACKAGE**



1. 1 Reel=600PCS
2. 1 INNER BOX=2Reel=1200PCS
3. 1 OUTER CARTON=5 INNER BOX=5x1200=6000PCS

单击下面可查看定价，库存，交付和生命周期等信息

[>>Bothhand\(帛汉\(帛漢\)\)](#)