

**VDSL TRANSFORMER**  
**P/N: VD-4025A DATA SHEET**



Bothhand USA. e-mail: sales@bothhandusa.com http://www.bothhand.com

**Feature**



- Supports speeds up to 25.92 Mbps.
- Provides two-wire to four-wire conversion.
- Surface mount or through hole package.
- Operating Temperature.: -10°C to +60°C.
- Storage Temperature.: -25°C to +75°C.

**Electrical Specifications @ 25°C**

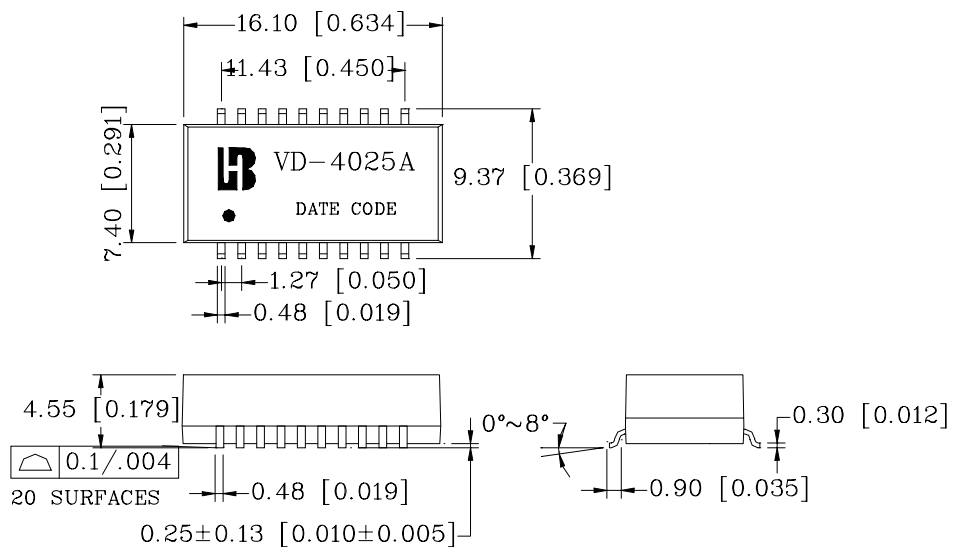
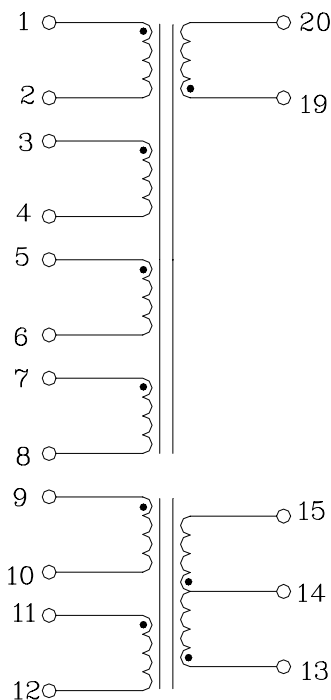
Part Number	Turn Ration	DCR (Ω Max)	Insertion Loss (dB Max)	Return Loss (dB Min)		Longitudinal Balance (dB Min)		
	TX			1M-30MHz	300K-1MHz	300K-1MHz	1M-10MHz	10M-30MHz
VD-4025A	4:1	0.5	-1	-10	-13.5	-45	-35	-15

**Additional Specifications**

Part Number	Turn Ration	DCR (Ω Max)	Insertion Loss (dB Max)	Return Loss (dB Min)		Longitudinal Balance (dB Min)			HI-POT (Vrms) TX/RX
	RX			300K-30MHz	1M-30MHz	300K-1MHz	300K-1MHz	1M-10MHz	
VD-4025A	1:1	0.5	-0.5	-18	-13.5	-50	-40	-23	2000

**Schematic**

**Mechanical**



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