

HYBRID VDSL TRANSFORMER

FEATURES

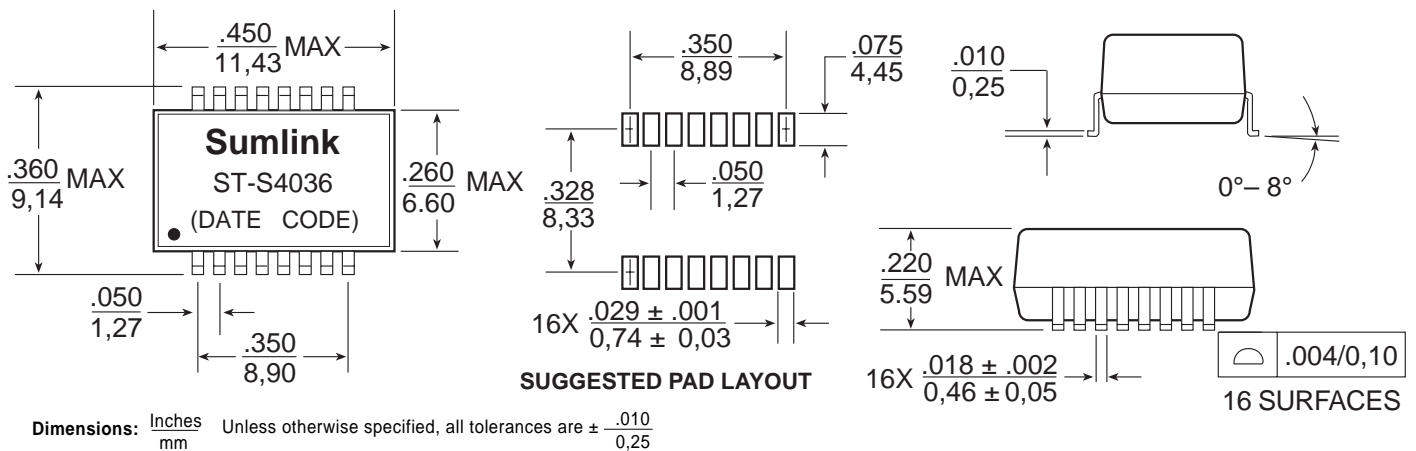
- Approved and recommended by Infineon for use with PEF22810/11/15/25 VDSL 2-band, 4-band and 10Base-S chipsets
- Hybrid transformer for VDSL Applications
- Designed to meet IEC950 supplementary insulation requirements



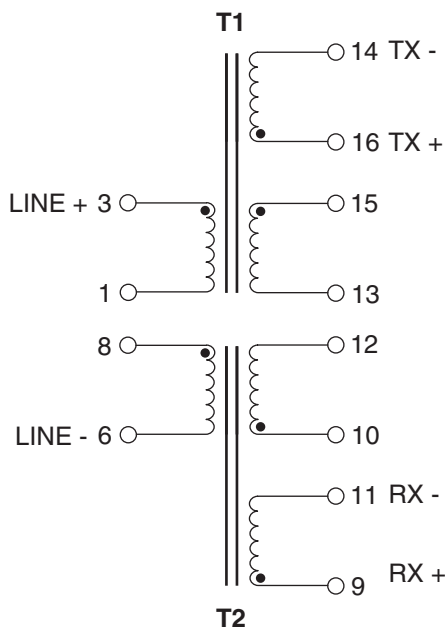
Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Frequency	Insertion Loss (dB MAX)		Return Loss (dB MIN)	Transhybrid Loss (dB MIN)	Impedance (Ω)		Isolation Voltage (Vrms)
		TX	RX			TX	Line	
ST-S4036	@ 1 MHz	—	—	20	45	TX	40	1500
	100 kHz-12 MHz	1	0.5	15	25	RX	270	
	100 kHz-20 MHz	2	1	10	20	Line	120	

Mechanical



Schematic



Application Circuit

