

1000 BASE-T ETHERNET ISOLATION TRANSFORMER

MODEL NO:S24104PW



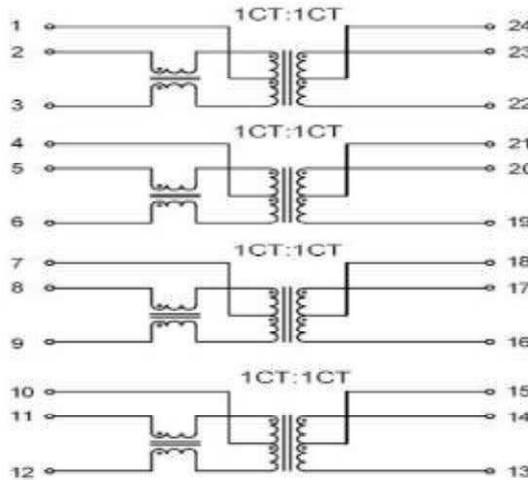
Feature:

- ◆ Meets IEEE 802.3at and ANSI X3.263 standards
- ◆ Suitable For End-span and Mid-span PoE Applications
- ◆ 720mA Current Capability
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -25°C to +125°C

Electrical Specifications@25°C

Turn Ratio (±3%)	OCL (uH Min) @100KHz/0.1V with 8mA DC Bias	L.L (uHMax) @ 100KHz/0.1V	DCR (Ω Max)	C w/w (pF Max) @100KHz/0.1V	Cross talk dB Min.		HI-POT (Vrms)
TX/TR	350uH min.	0.5	1.2	35	0.5-40	40-125	1500
1CT:1CT					-35	-33+20*log(f/50)	
Insertion Loss(dB.max)		Return Loss(dB.min)			DCMR(dB.min)		
MHz		MHz			MHz		
0.5-100		40-50		40-125	1-100		
-1.1		-18		-12+20*log(f/80)	-30		

Schematic:



Mechanical:

