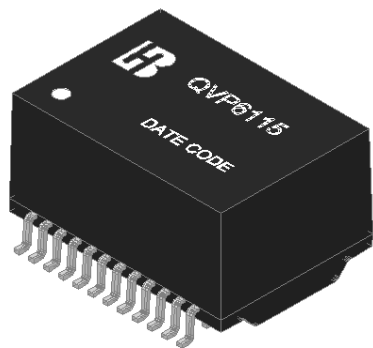


10/100/1000/2.5G BASE – T
MAGNETICS MODULES
P/N: QVP6115 DATA SHEET



Feature

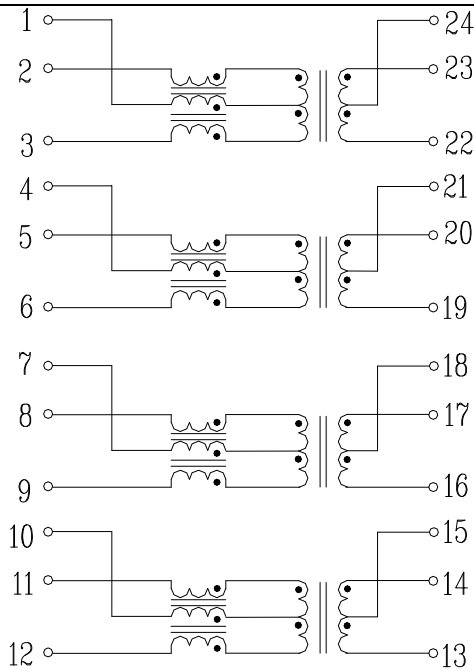


- Design for 2.5G ethernet application.
- Suitable for End-span POE applications with 1150mA current capability.
- Complying with ROHS requirements.
- Operating temperature range: 0℃ to +70℃.
- Storage temperature range: -25℃ to +85℃.

Electrical Specifications @ 25°C					
Part Number	Turns Ratio (±5%)		OCL (uH Min) @100KHz/0.1V	Cross talk (dB Min)	HI-POT
	TX	RX		$1 \leq f \leq 200 \text{ MHz}$	
QVP6115	1CT:1CT	1CT:1CT	180	-(43.1 – 20 log ₁₀ (f / 100))	1500V

Continue						
Part Number	Insertion Loss (dB Max)		Return Loss (dB Min)@Load 100Ω		DCMR (dB Min)	
	$1 \leq f \leq 100 \text{ MHz}$	$100 < f \leq 200 \text{ MHz}$	$1 \leq f \leq 40 \text{ MHz}$	$40 < f \leq 200 \text{ MHz}$	$1 < f \leq 30 \text{ MHz}$	$30 < f \leq 200 \text{ MHz}$
QVP6115	-1.0	-2.0	-16	$-(16-10 \log_{10}(f/40))$	-48	$-(44-19.2 \log_{10}(f/50))$

Schematic



10/100/1000/2.5G BASE - T
MAGNETICS MODULES
P/N: QVP6115 DATA SHEET



Mechanical

