



E-NETTR 10/100/1000Base-T DUAL Port Transformer Module

P/N: H4821G-01

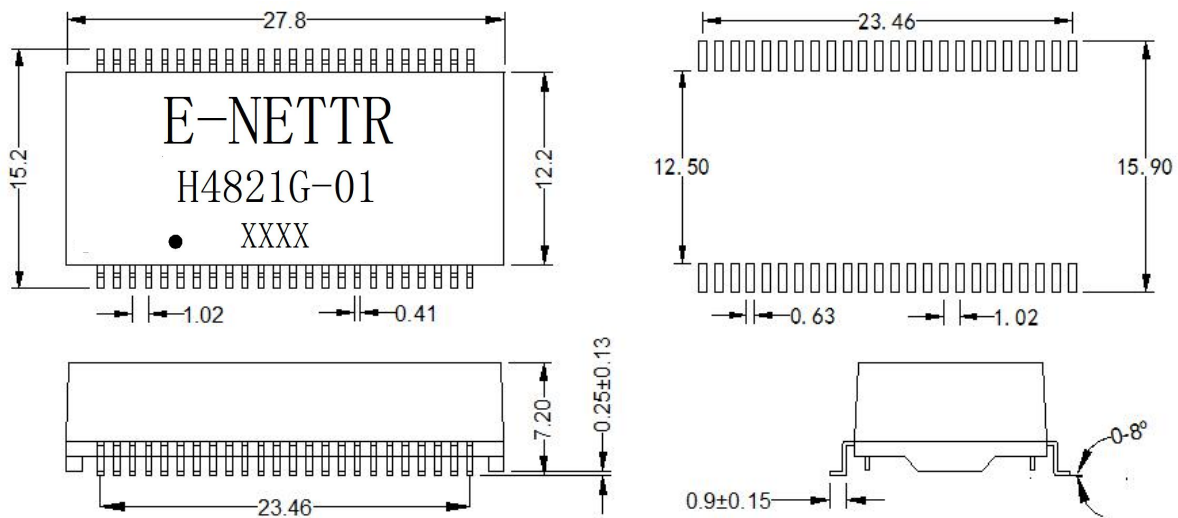
- * Designed to meet IEEE802.3ab requirement
- * IEEE 802.3 AT/ANSI X3.263 compliant performance.
- * Lead-Free & Designed to meet RoHS requirement
- * Designed to meet IR255°C peak requirement
- * Peak solder temperature rating per Table 5-2 in IPC/JEDEC J-STD-020C
- * Primary inductance(LP): 350uH Min . @100KHz0.1Vrms, 8mA
- * Operating temperature range -40°C to +85°C
- * Storage temperature range: -40°C to +85°C
- * POE applications with 720mA current capability



Electrical Specifications@25°C

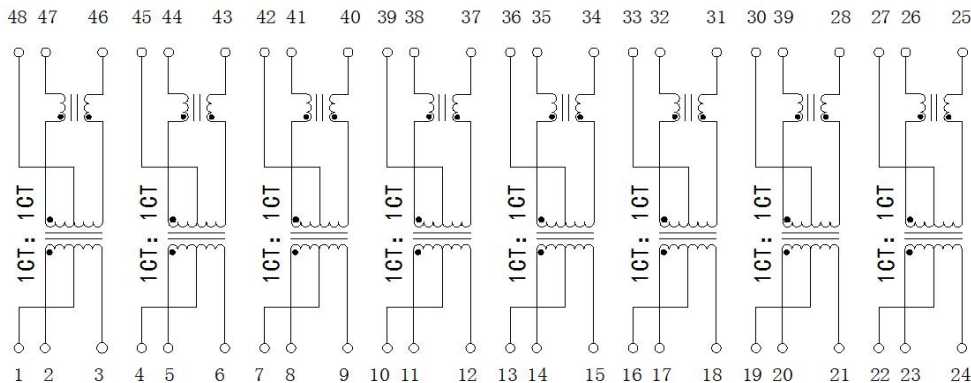
Part Number	Turn Ratio (±3%)	Insertion Loss 1~100MHz (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)			DCMR (dB Min)			Hi-Pot (Vrms MIN)
			1-30MHz	40-60MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz	
H4821G-01	1CT:1CT	-1.0	-18	-13.1	-12	-10	-35	-30	-30	-43	-37	-33	1500

Mechanical



Unless otherwise specified tolerances: xx.xo ± 0.25mm
o.xx ± 0.05mm

Schematics



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