



E-NETTR

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

P/N: H4816G

- * Designed to meet IEEE802.3af requirement
- * Lead-Free & Designed to meet RoHS requirement
- * Designed to meet IR 255 °C peak Requirement.
- * Operating temperature range -40°C to +85°C
- * Storage temperature range:-40°C to +85°C
- * POE applications with 350mA current capability



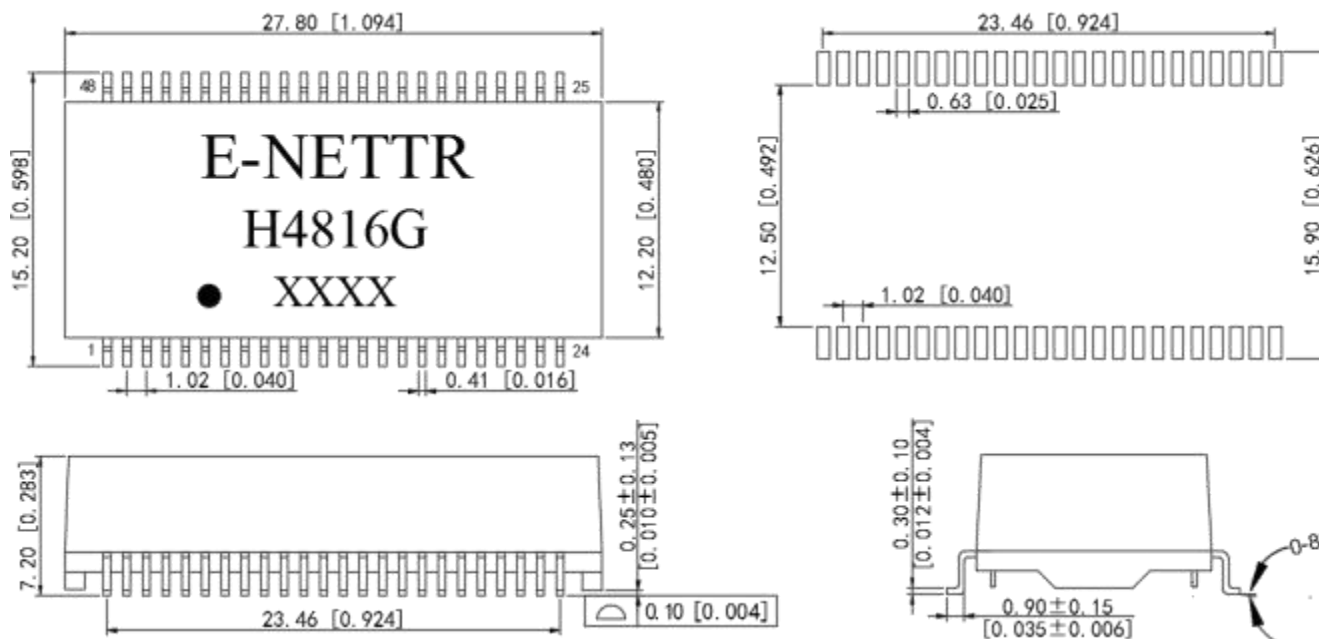
Electrical Specifications@25 ° C

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 8mADC Bias	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H4816G	1CT:1CT	350	0.5	28	1.2	AC 1500/ 1mA

Continue

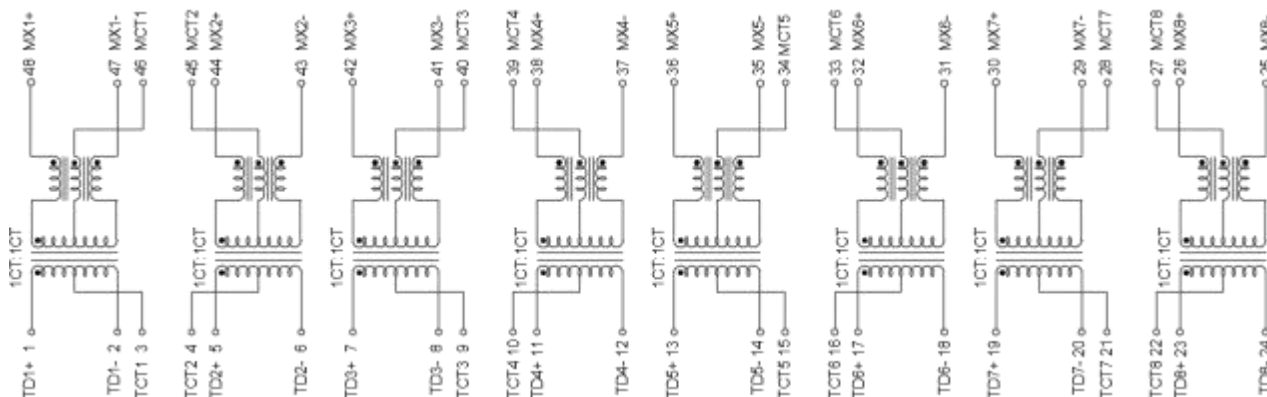
Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)		DCMR (dB Min)		
		0.3-30MHz	60MHz	80MHz	100MHz	0.3-60MHz	60-100MHz	0.3-30MHz	60MHz	100MHz
H4816G	-1.1	-18	-14	-12	-10	-42	-35	-40	-35	-30

Mechanical



Unless:mm[inch] Tolerances: xx.xo± 0.25[0.010]
o.xx± 0.05[0.002]

Schematics



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