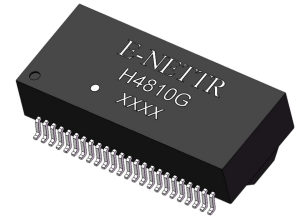




E-NETTR 10/100/1000Base-T DUAL Port Transformer Module

P/N: H4810G

- * Designed to meet IEEE802.3at requirement
- * Lead-Free & Designed to meet RoHS requirement
- * Designed to meet IR 255°C peak Requirement.
- * Primary inductance 350μH min. with 8mA DC Bias
- * Operating temperature range: -40°C to +85°C
- * POE applications with 720mA current capability



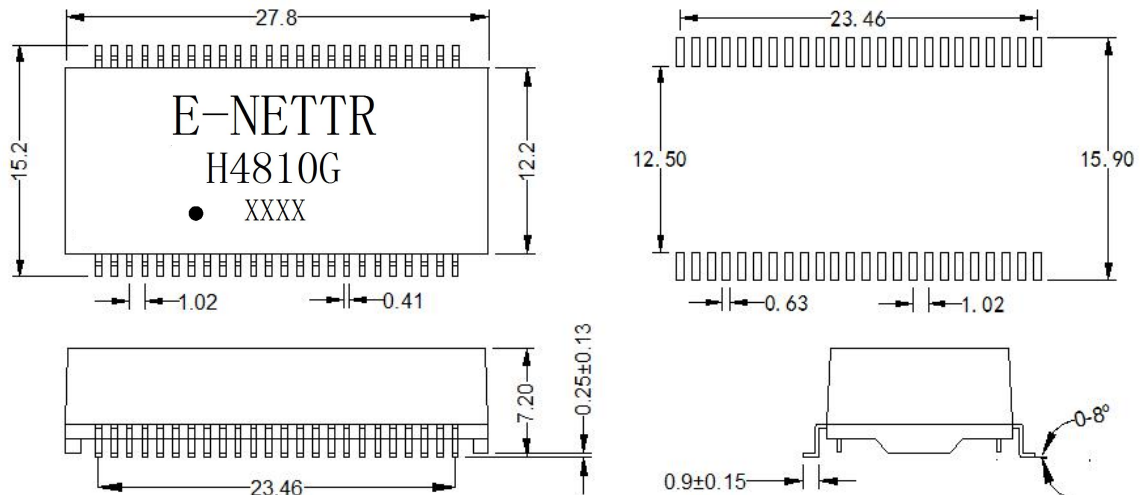
Electrical Specifications@25° C

| Part Number | Turn Ratio (±3%) | OCL(uH Min) @ 100KHz/0.1V with 8mA DC Bias | L.L (uH Max) | C _{w/w} (pF Max) | DCR (Ω Max) | Hi-Pot (Vrms MIN) |
|-------------|------------------|--|--------------|---------------------------|-------------|-------------------|
| H4810G | 1CT:1CT | 350 | 0.5 | 28 | 0.9 | AC 1500 / 1mA |

Continue

| Part Number | Insertion Loss 0.3~100MHZ (dB Max) | Return Loss (dB Min) | | | | Cross Talk (dB Min) | | DCMR (dB Min) | | |
|-------------|------------------------------------|----------------------|-------|-------|--------|---------------------|-----------|---------------|-------|--------|
| | | 0.3-30MH | 60MHz | 80MHz | 100MHz | 0.3-60MHz | 60-100MHz | 0.3-30MHz | 60MHz | 100MHz |
| H4810G | -1.1 | -18 | -14 | -12 | -10 | -42 | -35 | -40 | -35 | -30 |

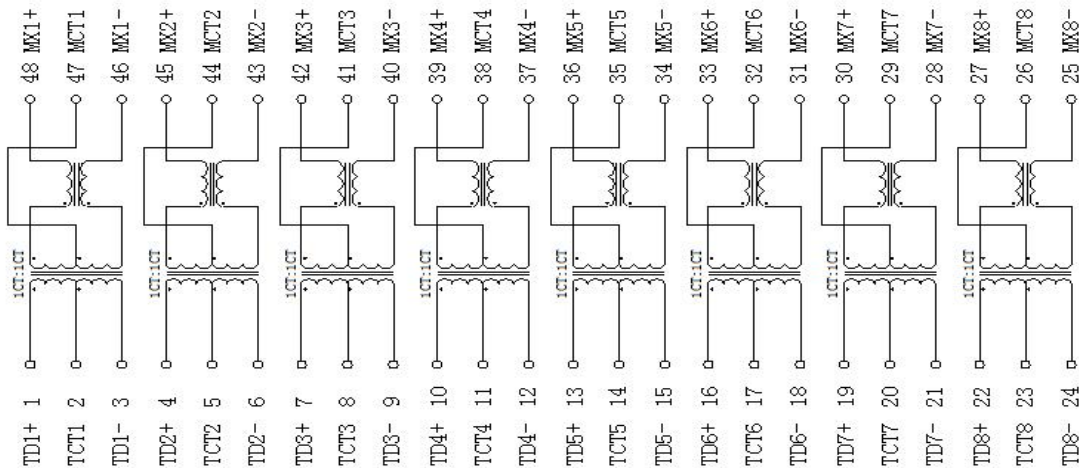
Mechanical



Dimensions: mm

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

Schematics



东莞市祥星电子有限公司

地址: 东莞市石碣镇横滘科技中路第三工业区

TEL:0769-86384669

FAX:0769-81813600

Http://www.e-nettr.com

xxing.guang@163.com