

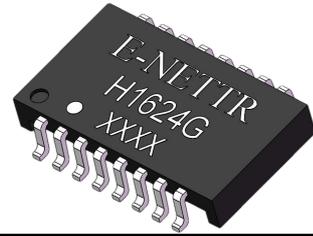


E-NETTR

10/100 Base-T single port transformer Module

P/N:H1624G

- * Designed to meet IEEE802.3u requirement
- * Lead-Free & Designed to meet RoHS requirement
- * Designed to meet IR 255°C peak Requirement.
- * Low Profile package for CardBus Application
- * Operating temperature range: 0°C to +70°C
- * Storage temperature range:0°C to +70°C



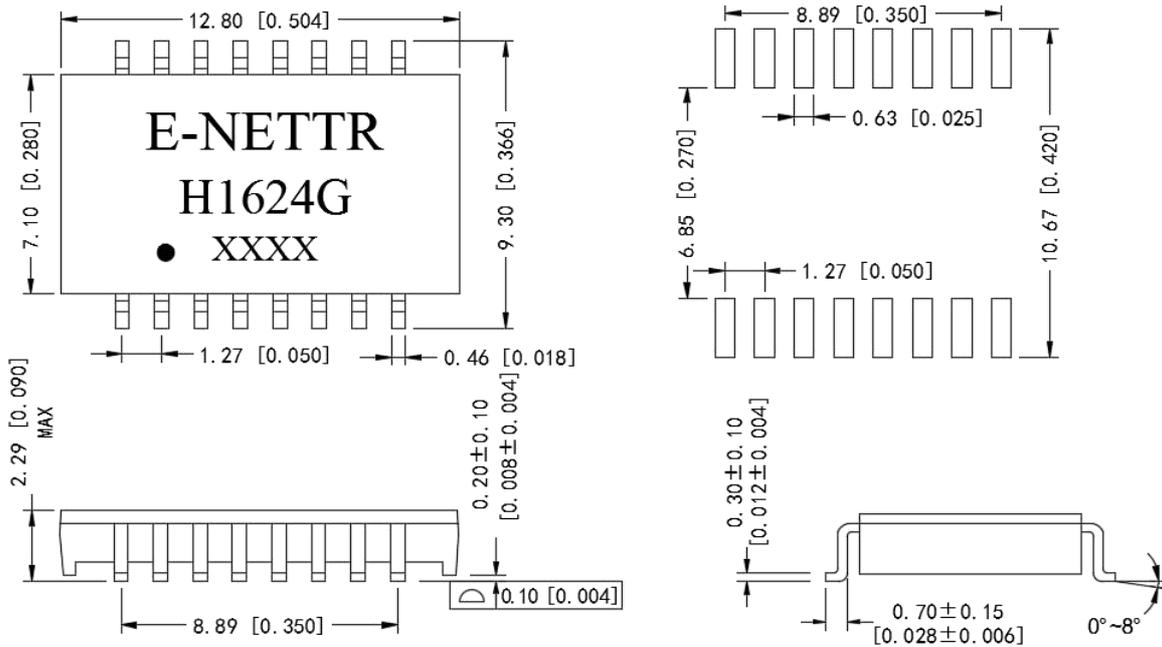
Electrical Specifications@25° C

| 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) |
|-------------|------------------|---|--------------|---------------------------|-------------|-------------------|
| H1624G | 1CT:1CT | 350 | 0.5 | 28 | 1.1 | AC1500V 1mA |

Continue

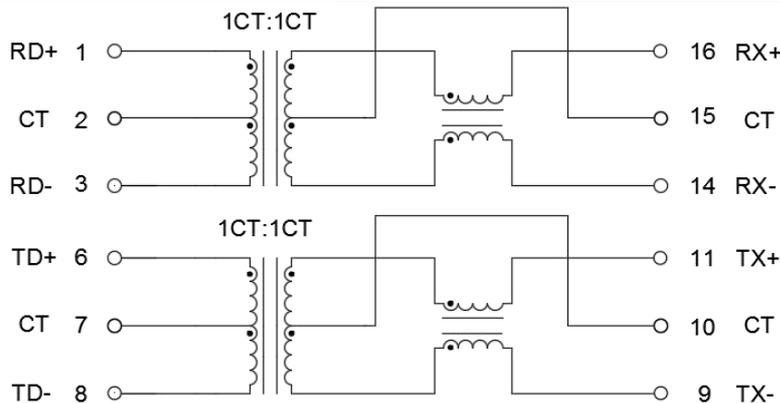
| Part Number | Insertion Loss 0.3~100MHZ (dB Max) | Return Loss (dB Min) | | | | Cross Talk (dB Min) | | DCMR (dB Min) | | |
|-------------|------------------------------------|----------------------|-------|-------|--------|---------------------|-----------|---------------|-------|--------|
| | | 0.3-30MHz | 60MHz | 80MHz | 100MHz | 0.3-60MHz | 60-100MHz | 0.3-30MHz | 60MHz | 100MHz |
| H1624G | -1.1 | -18 | -14 | -12 | -10 | -40 | -35 | -42 | -37 | -33 |

Mechanical



Unless:mm[inch] Tolerances: xx.x0± 0.25[0.010]
o.xx± 0.05[0.002]

Schematics



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