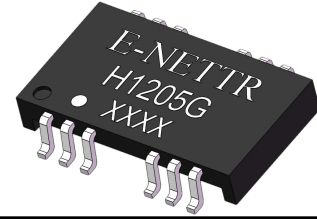




P/N: H1205G

- * Designed to meet IEEE802.3ab 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



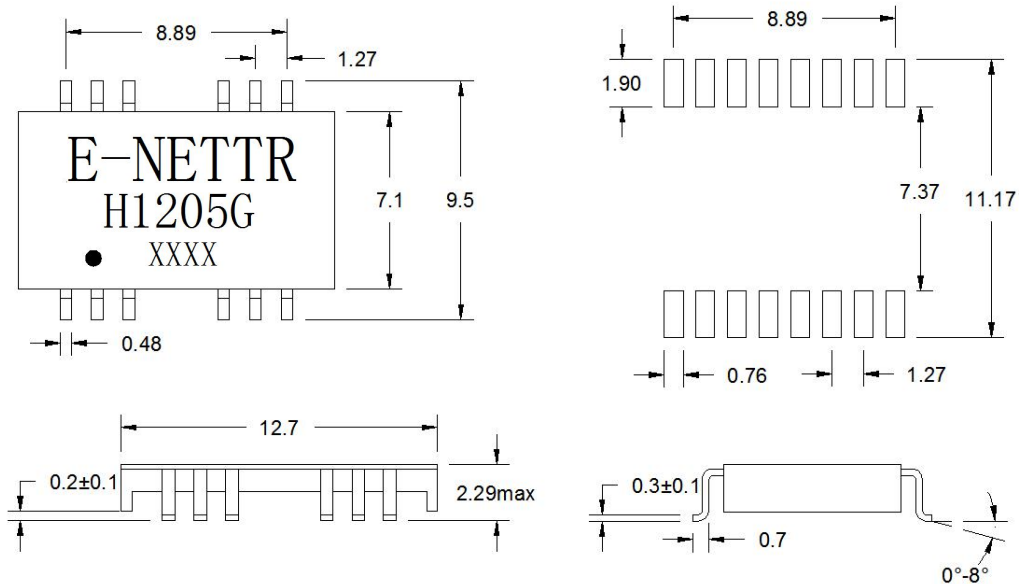
Electrical Specifications@25° C

| 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) |
|-------------|------------------|--|--------------|---------------------------|-------------|-------------------|
| H1205G | 1CT:1CT | 350 | 0.5 | 28 | 1.2 | AC1500V /1mA |

Continue

| Part Number | Insertion Loss 0.3~100MHZ (dB Max) | Return Loss (dB Min) | | | Cross Talk (dB Min) | | | DCMR (dB Min) | | |
|-------------|------------------------------------|----------------------|-------|-------|---------------------|-------|--------|---------------|-------|--------|
| | | 0.3-30MH | 60MHz | 80MHz | 30MHz | 60MHz | 100MHz | 30MHz | 50MHz | 100MHz |
| H1205G | -1.1 | -16 | -12 | -10 | -40 | -35 | -30 | -40 | -35 | -30 |

Mechanical



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

Schematic

