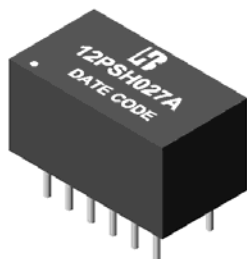


## Feature

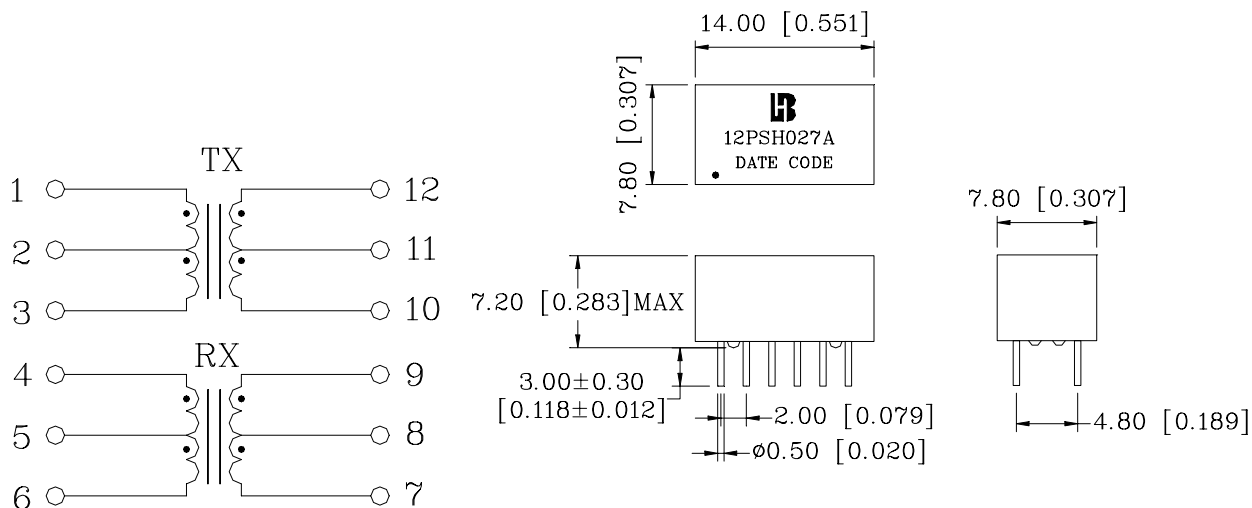


- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

| Electrical Specifications @ 25°C |                      |         |                                                  |                         |           |               |
|----------------------------------|----------------------|---------|--------------------------------------------------|-------------------------|-----------|---------------|
| Part Number                      | Turns Ratio (±3%)    |         | OCL (uH Min)<br>@100KHz/0.1V<br>with 8mA DC Bias | Insertion Loss (dB Max) |           | HI-POT (Vrms) |
|                                  | TX                   | RX      |                                                  | 1-100MHz                |           |               |
| 12PSH027A                        | 1CT:1CT              | 1CT:1CT | 350                                              | -1.0                    |           | 1500          |
| Continue                         |                      |         |                                                  |                         |           |               |
| Part Number                      | Return Loss (dB Min) |         |                                                  | Cross talk (dB Min)     |           | DCMR (dB Min) |
|                                  | 1-30MHz              | 50MHz   | 60-80MHz                                         | 1-60MHz                 | 60-100MHz | 1-100MHz      |
| 12PSH027A                        | -14                  | -12     | -10                                              | -35                     | -30       | -30           |

## Schematic

## Mechanical



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]  
 0.xx±0.05[0.002]