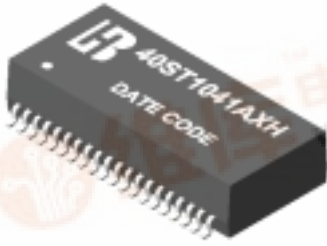




查询"40ST1041AXH"供应商

## P/N: 40ST1041AXH DATA SHEET

### Feature



- IEEE 802.3 Ethernet compatible .
- 100 Base-TX Surface mountable .
- Design for multi-port repeater and Ethernet switching HUB application .
- Customer designs available for specific application.
- Operating temperature range : 0°C to +70°C .
- Storage temperature range: -25°C to +125°C .

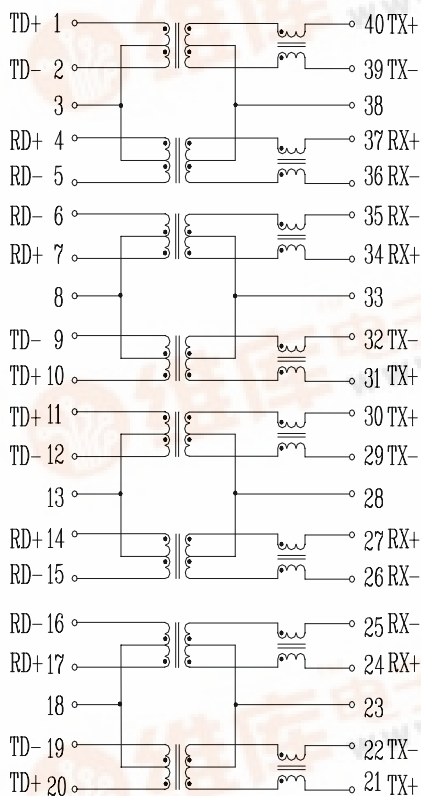
### Electrical Specifications @ 25°C

| Part Number | Turns Ratio (±5%) |         | OCL(uH Min)<br>@100KHz/0.1V 8mA<br>DC Bias | L.L<br>(uH Max) | C <sub>WW</sub><br>(pF Max) | HI-POT<br>(Vrms) | Rise Time<br>(nS Typ) |
|-------------|-------------------|---------|--------------------------------------------|-----------------|-----------------------------|------------------|-----------------------|
|             | TX                | RX      |                                            |                 |                             |                  |                       |
| 40ST1041AXH | 1CT:1CT           | 1CT:1CT | 350                                        | 0.4             | 56                          | 1800             | 3.0                   |

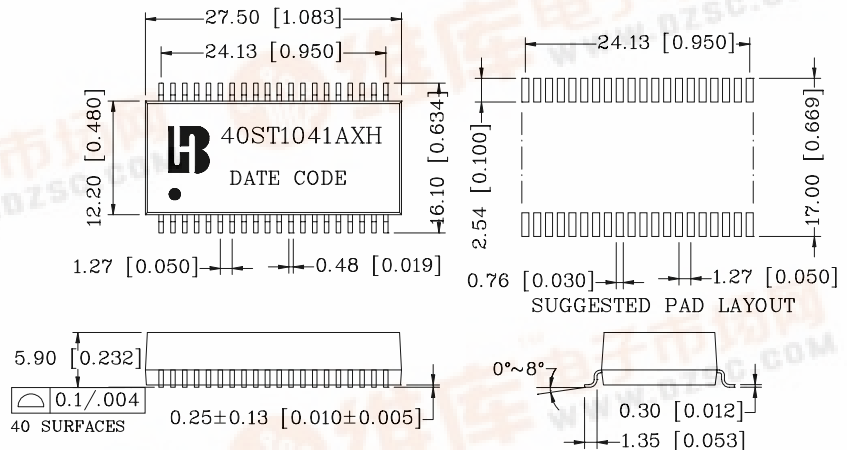
### Continue

| Part Number | Insertion Loss<br>(dB Max) | Return Loss<br>(dB Min) |          |          | Cross talk<br>(dB Min) |           | DCMR<br>(dB Min) |        |        |
|-------------|----------------------------|-------------------------|----------|----------|------------------------|-----------|------------------|--------|--------|
|             | 0.3-100MHz                 | 0.3-30MHz               | 30-60MHz | 60-80MHz | 0.3-60MHz              | 60-100MHz | 60MHz            | 100MHz | 200MHz |
| 40ST1041AXH | -1.15                      | -16                     | -12      | -10      | -40                    | -35       | -37              | -28    | -25    |

### Schematic



### Mechanical



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