



- Low Profile Pulse Transformer
- DCR: PIN 1-2, PIN 7-8 1.0Ω Max, PIN 16-15, PIN 10-9 1.4Ω Max
- Cw/w: 15PF TYP @100KHz, 200mV
- LL: 0.3uH Max @100KHz, 200mV
- Polarity:1-16, 7-10, In-Phase
- Operating Temp: 0°C to +70°C

**Electrical Specifications @ 25°C**

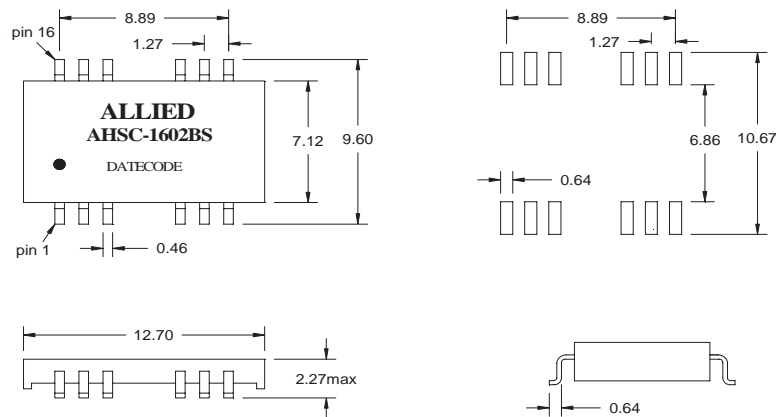
| Part Number | OCL(uH Min)<br>@ 100kHz, 200mV | Turns Ratio<br>chip: cable<br>(±3%) | Insertion Loss<br>(dB Max) | Return Loss<br>(dB Min) |           |       |       |
|-------------|--------------------------------|-------------------------------------|----------------------------|-------------------------|-----------|-------|-------|
|             | With 8mA DC Bias               |                                     |                            | 1-100MHz                | 0.3-30MHz | 40MHz | 50MHz |
| AHSC-1602BS | 350                            | 1CT:1CT                             | -1.1                       | -16                     | -14       | -12   | -10   |

**Electrical Specifications @ 25°C**

| Part Number | Common Mode Rejection<br>(dB Min) | Cross Talk<br>(dB Min) | Isolation<br>HI-POT<br>(Vrms) |
|-------------|-----------------------------------|------------------------|-------------------------------|
|             | 1-100MHz                          | 1-100MHz               |                               |
| AHSC-1602BS | -30                               | -35                    | 1500                          |

All specifications subject to change without notice.

**MECHANICAL**



Dimensions: mm  
Unless otherwise specified, all tolerances are±0.25

**SCHEMATICS**

