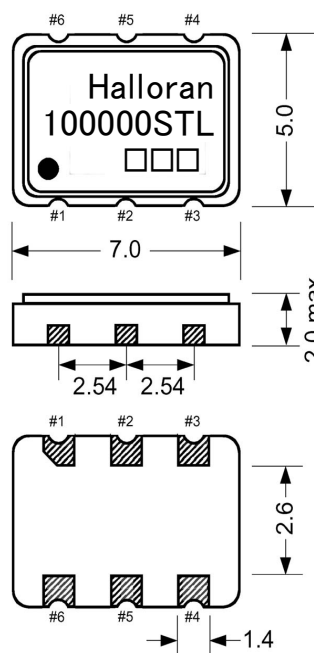


| Specification: <b>HE100000STL</b> |                 |                            |
|-----------------------------------|-----------------|----------------------------|
| 1                                 | Package         | SMD (7 mm x 5 mm x 1.7 mm) |
| 2                                 | Type            | SPXO<br>(With Tristate)    |
| 3                                 | Frequency       | 100.0000 MHz               |
| 4                                 | Stability       | ±50 ppm max/0~+70°C        |
| 5                                 | Voltage         | +3.3 v ± 5 %               |
| 6                                 | Current         | 66 mA max                  |
| 7                                 | Output Signal   | LVDS                       |
|                                   | V <sub>OH</sub> | 1.43 v (Typ)               |
|                                   | V <sub>OL</sub> | 1.10 v (Typ)               |
| 8                                 | Output load     | 100 Ω (Offset 1.25 Typ)    |
| 9                                 | Rise and Fall   | 0.7 nsec max               |
| 10                                | Symmetry        | 40% to 60%                 |
| 11                                | Jitter          | 1 ps                       |
|                                   | Note:           |                            |



■ 外形寸法 Dimensions

■ 接続端子

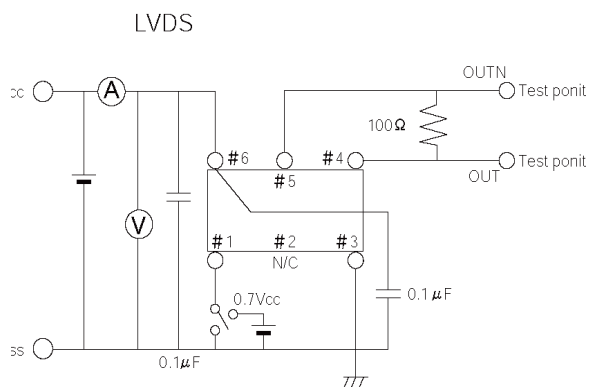
| Pin Connections |            |
|-----------------|------------|
| ①               | En/Disable |
| ②               | NC         |
| ③               | Vss        |
| ④               | Output     |
| ⑤               | Output     |
| ⑥               | Vcc        |

#### Enable – disable

| input pin #2                        | output pin #4 #5 |
|-------------------------------------|------------------|
| H or open<br>0.7V <sub>cc</sub> MIN | RF – signal      |
| L<br>0.3V <sub>cc</sub> MAX         | HI – Z           |

Enable Phase Delay Time 2ms max  
Disable Phase Delay Time 200ns max

#### Test Circuit



#### Output Waveform

