

SPECIFICATIONS

13.66max

16 9 0 0 0 0 0 0 0 0

MS250SθE

1.27±0.13

<u>....</u>

0.56max

 2°

20

 $15 \bigcirc$

2

3 4

6.06max

Н

(dimension : mm)

GI 1I

000000

9 11

GL2L

0000000

5 6 8 9 11 12 13 14 16

8.35max

Time Delay

010

16

-07

-010

0.1~1.0ns 2.37max

1.1~5.0ns 4.85max

н

Code

L

М

Mechanical

Equivalent

circuit

CL1L, CL2L series, surface-mount thin film delay lines

This series permits ultra-precision timing adjustment from 20 to 200 picoseconds with accuracy of \pm picoseconds for ultrahigh-speed signal processing applications. Differential delay line:CL2L





Electrical

These delay lines offer the same excellent frequency performance as SIP delay lines but come in a gullwinged surface mount package. The differential SMT is useful for PECL application, and contains two identical transmission lines matched for the time delay. Featuring a stripline shielded construction, these parts offer very low EMI/RFI, and are ideal for high frequency/tight tolerance timing and deskew applications.

GL2L Туре GL1L 0.1~3.0ns(0.1ns step) Time Delay 0.1~5.0ns(0.1ns step) 3.5~4.5ns(0.5ns step) ±0.05ns(0.1~2.9ns) Time Delay Tolerance ±0.05ns -0.5/+0.1ns(3.0ns) ±0.1ns(3.5~4.5ns) Temp. coefficient of Td 0~150ppm/°C $50\pm5\Omega$ Characteristic Impedance Rise/fall time 200ps/ns Rated Currrent 100mA Characteristic Impedance -25~85°C

