

# OSC53 - High Frequency

HIGH FREQUENCY OSCILLATOR

SMD



## TYPICAL APPLICATIONS

PC main board, VGA card

## FEATURES

7.0x5.0x1.6[mm]

## TYPICAL SPECIFICATIONS

|                            |                                             |
|----------------------------|---------------------------------------------|
| Frequency Range            | 100MHz ~ 160MHz                             |
| Frequency stability        | $\pm 20, \pm 25, \pm 30, \pm 50, \pm 100$   |
| Temperature range(°C)      | -10°C ~ +60°C, -20°C ~ +75°C, -40°C ~ +85°C |
| Operating Storage          | -55°C ~ +125°C                              |
| Power Supply Voltage       | 3.3 $\pm 10\%$                              |
| Current Consumption        | 45mA Max                                    |
| Output Level               | CMOS                                        |
| Load                       | 15pF max                                    |
| Output voltage             | "0" level: Vol: 0.1 VDD Max                 |
|                            | "1" level: Voh: 0.9 VDD Min                 |
| Rise & fall time           | 3nS Max                                     |
| Symmetry (%)               | 40 ~ 60% at 1/2 VDD                         |
| Input Current When Disable | 15 uA Max                                   |
| Phase Delay Time           | 10mS Max                                    |
| Period Jitter RMS pk-pk    | 8ps Max, 5ps Typical                        |

\* Please consult with us for other specification.

## OUTLINE DIMENSIONS

Unit:mm

