

Series OS365smd

Environmental conditions:

mechanical shock: MIL standard 202F, method 213, condition J

thermal shock: MIL standard 202F, method 107, condition A

vibration: MIL standard 202F, method 204, condition B

solderability: 5 seconds max. at +230°C, 3 seconds max at +350°C

Marking:

frequency, date code, serial number on high temperature metalised polyester label

Ordering code:

standard specification: OS365smd A S V1 - 10.00M

OS365smd = series generic code

A temp. tol. and temp. range code: A = $\pm 0.02\text{ppm}(-20 +60)^\circ\text{C}$

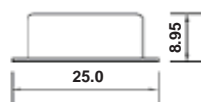
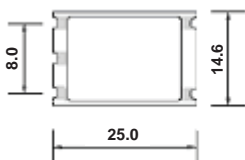
S output code: S = sine wave, 0dBm into 50Ω

V1 supply voltage code: V1 = +3.3Vd.c. supply

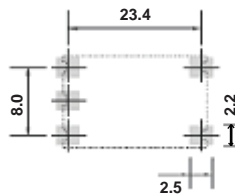
10.00M output frequency: 10.00M = 10.000MHz

custom specification: part number issued with custom specification and drawing

Dimensions(mm):



Pads viewed from bottom
pad size (1.5 x 1.5)mm

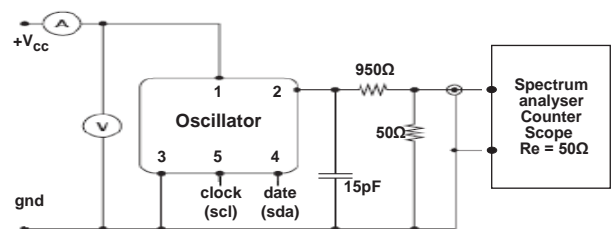


Suggested land pattern
pad size (2.2 x 2.5)mm

Pin connections

- #1 +V_{CC}
- #2 outputs
- #3 ground/case
- #4 data (sda)
- #5 clock (scl)

Test circuit:



Test circuit includes a 20:1 step down into a matched \checkmark load