

# PRODUKT-INFO

## SCO-75 TSW • SCO-53 TSW SMD TRUE SINE WAVE CLOCK OSCILLATOR

### FEATURES

1. True sine wave clock oscillator with size of 7.0 x 5.0 x 1.4 mm or of 5.0 x 3.2 x 1.2 mm.
2. 2.8V, 3.3V or 5.0V supply voltage.

SCO-75 TSW

SCO-53 TSW



ELECTRICAL SPECIFICATIONS		
Model	Condition	SCO-75 TSW • SCO-53 TSW
Frequency Range		10.0 ~ 30.0 MHz
Frequency Tolerance	at +25°C	±25 / ±50 / ±100 ppm max.
Frequency Stability	-10°C to +70°C -40°C to +85°C	enter the desired stability after the code „C“ enter the desired stability after the code „I“ *
Operating Temperature Range		-10°C to +70°C commercial -40°C to +85°C industrial
Storage Temperature Range		-55°C to +125°C
Power Supply Voltage		2.8 V <sub>cc</sub> ±5% / +3.3 V <sub>cc</sub> ±5% / +5.0 V <sub>cc</sub> ±10%;
Current Consumption at 15 pF Load		1.0 mA max. / 1.5 mA max. / 1.2 mA max.
Start Time		2.0 ms typical
Load		45KΩ // 10 pF load
Output Level		1.0 V <sub>pp</sub> typical
Harmonics		< -25dBc (frequency dependent) ***
Aging	at +25°C	±5 ppm / year max.

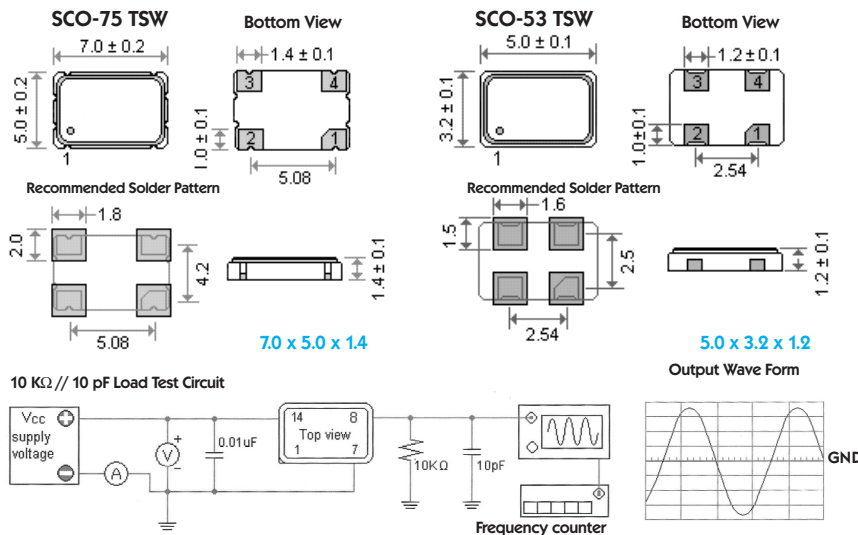
General specification: at Ta=25°C, CL=15pF

\* for example: „C20“ for ±20 ppm over commercial temperature range;  
„I30“ for ±30 ppm over industrial temperature range.

\*\* No Tri-state option.

\*\*\* Sub-Harmonics: none

Dimensions (Units: mm)



Terminal	Connection
#1**	No connection
#2	GND
#3	OUTPUT
#4	V <sub>cc</sub>

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All specifications subject to change without notice.