

ACT SMPT7 Stratum 3 TCXO

- Stability: $\pm 0.28\text{ppm}$ (-40 ~ +85°C)
- Accuracy: $\pm 1.0\text{ ppm}$ (25°C at time of shipment)
- Aging: $\pm 4.6\text{ppm}$ 10years, $\pm 0.7\text{ppm}$ 1st year (25°C)
- Developed freq: 10, 12.8, 19.2, 20 & 26MHz

Characteristics

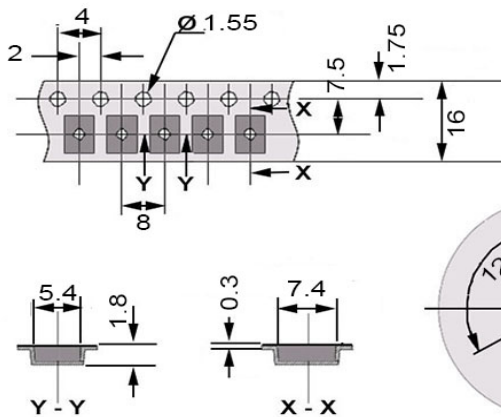
Frequency Range (MHz)	10 ~ 40
Supply voltage $\pm 5\%$ Vcc (V _{DC})	3.3 $\pm 5\%$
Operating temperature Top (°C)	-40 ~ +85
Stability v T op (ppm)	± 0.28
Stability v Vcc(ppm)	± 0.2
Stability v Load (ppm)	± 0.2
Aging @25°C (ppm)	± 4.6 (10yr)
	± 0.7 (1st yr)
Tolerance @ 25°C (ppm)	± 1.0
Load $\pm 10\%$	15pF $\pm 10\%$ LVCMOS
Output voltage	V _{OH} >3V, V _{OL} >0.3V
Duty Cycle	45/55%
AFC (Voltage control)	Available (Enquire)
Phase Noise (dBc/Hz)	10Hz -75
10MHz 25°C	100Hz -110
	1kHz -135
	10kHz -145
	100kHz -145

Rating

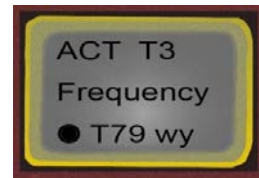
Storage temperature (°C)	-50 ~ +95
Humidity (%RH)	5 ~ 90
Air Pressure (kPa)	70 ~ 106
ESD	Sensitive, take precautions.
Vibration	IEC60068-2-6 Fc 10~55Hz sine 0.75mm, 1.5hr, X, Y & Z
Shock	IEC60068-2-27Fc 100g ½ sine 3 bump, X, Y & Z

Tape & Reel

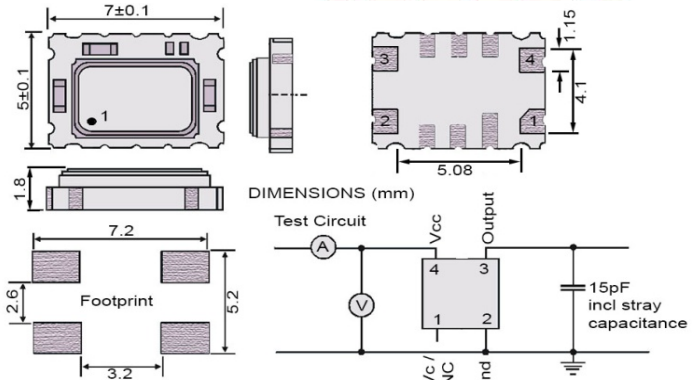
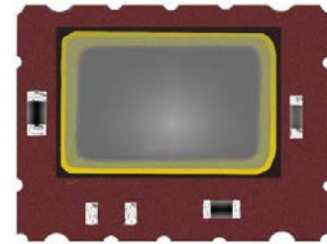
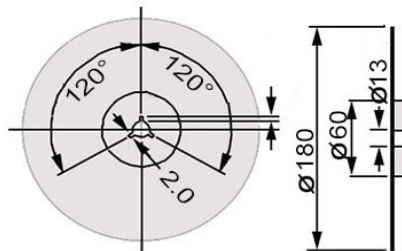
Standard reel: 1K



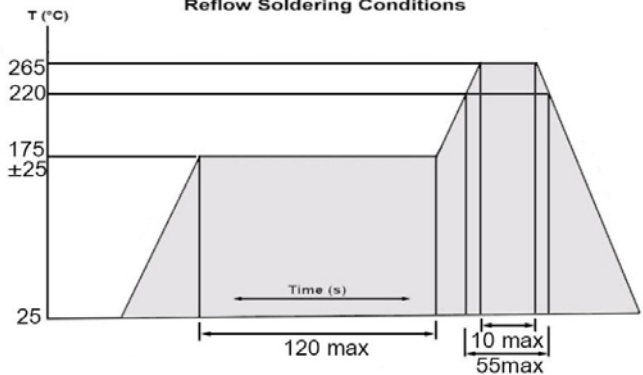
Marking:
 wy: week/year



Tape & Reel Dimensions (mm)



Reflow Soldering Conditions



Please note that all parameters can not necessarily be specified in the same device. To specify: Please refer to part numbering system appended to the end of this data

ISO9001 Registered

For quotations or further information please contact us at:
 3 The Business Centre, Molly Millars Lane, Wokingham, Berkshire, RG41 2EY
 Issue No. 1 T3 Date: 29/08/2013

