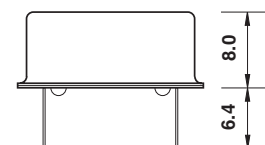
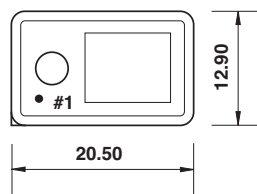


Type T301 adjustable precision clock, (4.0 ~ 30.0)MHz, tolerance from ± 5 ppm, 4 pin DIL(14 pin DIL layout)

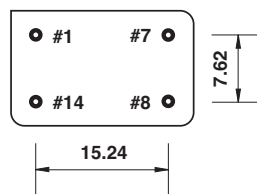


Electrical specification	
Case style	4 pin(14 pin DIL layout): (20.5 x 12.90)mm, height 8.0mm
Frequency range	(4.0 ~ 30)MHz
Stability *	$\pm(5 \sim 25)$ ppm, temperature range dependent
Ageing	± 1 ppm max. per year
Trim	internal trim ± 5 ppm min.
Supply voltage Vcc	+5.0Vd.c.
Supply current max.	10mA
Rise and fall time max. **	5ns typical
Operating temperature	(0 +50) $^{\circ}$ C ~ (-40 +85) $^{\circ}$ C
Storage temperature	(-55 +125) $^{\circ}$ C
Output	2 TTL loads, H-CMOS 15pF
Symmetry	(45 ~ 55)%, (40 ~ 60)%
Ageing	± 1 ppm first year max.
* inclusive of calibration tolerance at +25 $^{\circ}$ C, temperature tolerance, supply voltage variation, load variation, first year ageing, shock and vibration. ** measured, with an output load of 15pF, between (10 ~ 90)% Vcc	

Ordering information				
TFC PART NUMBER T301 B A 8.192M				
T301 type number				
B accuracy code				
A ... temperature code				
8.192M frequency MHz				
specification codes				
	A	B	C	D
accuracy ppm	± 5	± 10	± 25	± 50
	A	B	C	D
temperature $^{\circ}$ C	0 +50	-10 +60	-20 +70	-40 +85

dimensions(mm)


Pin diameter 0.45mm



Pins viewed from bottom

Pin connections

- # 1 N/C
- # 7 Ground and case
- # 8 Output
- # 14 +5Vd.c.