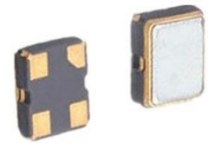


MAIN FEATURE

- Low Power Consumption • 1.8V, 2.5V and 3.3V option
- Industry standard option

APPLICATION

- Mobile, GPS and more

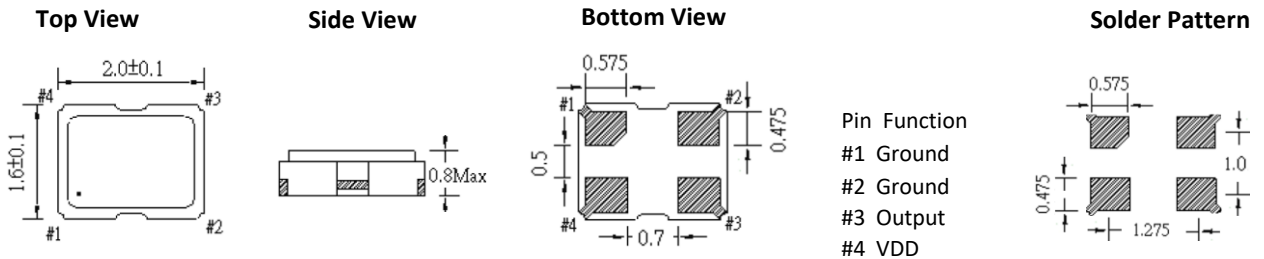


L2.0*W1.6*H0.80mm

STANDARD SPECIFICATION – Clipped Sine Wave Output

Parameter	Value			Unit	Condition	
	Min.	Type	Max.			
Supply Voltage	-	3.3	-	V	+/-0.5% or see p/n guide	
Frequency Range	13		52	MHz		
Freq. Stability	Temp. Range	±0.5	-	±2.5	ppm	see p/n guide or Specify
	Supply Voltage			±0.2	ppm/Vdc	@VDC +/-0.5%
	Load			±0.2	ppm	@10 Kohm/10pF (+/-10%)
Operating Temp. Range	-40	-	85	°C	see p/n guide or Specify	
Output (Clipped Sine Wave)	Voltage	0.8 Vp-p	-	-	V	
	Load	10 Kohm/10pF				
Startup Time	-	-	2	ms		
Supply Current		-	-	2	mA	13.00~26.00MHz
		-	-	2.5	mA	26.001~52.00MHz
Storage Temperature Range	-40	-	85	°C		
Aging per year	-	±2		ppm		

DIMENSION (mm)



Pin Function
 #1 Ground
 #2 Ground
 #3 Output
 #4 VDD

PART NUMBER GUIDE

Example: TGS TM21F3A25GTLF-26M000

Part Number and Part Code Structure

TGS	TM21F	3	A	25	G	T	LF	XX	-26M000
1	2	3	4	5	6	7	8	9	10

- 1) TGS: Company Code
- 2) TM21F: MHz SMD TCXO, Clipped Sine Wave Output, 4 pads, L2.0*W1.6*H0.80mm
- 3) 3: Supply Voltage, 3: 3.3V; 2: 2.5V; 1: 1.8V
- 4) A: Overall Frequency tolerance, A: +/-2.0pm or Specify
- 5) 25: Frequency Stability vs Temp. range. 05: +/-0.5ppm; 10: +/-1.0ppm; 25: 2.5ppm or specify
- 6) G: Operating Temp. Range, D: 0~70 °C; E: -10 ~+60°C; F: -20 ~+70 °C; G: -40 ~+85 °C or Specify
- 7) T: Packed in Tape/Reel, 3000pcs/Reel
- 8) LF: RoHS Complaint
- 9) XX: Internal Control Code- 2 letter or digits ; Blank: N/A
- 10) 26M000: Frequency Range 26.000MHz or specify

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