

Fox Part Number: FT2GCDUK40.0

CLIPPED-SINE, CERAMIC, SMD, 2.5 x 2.0mm, VCTCXO

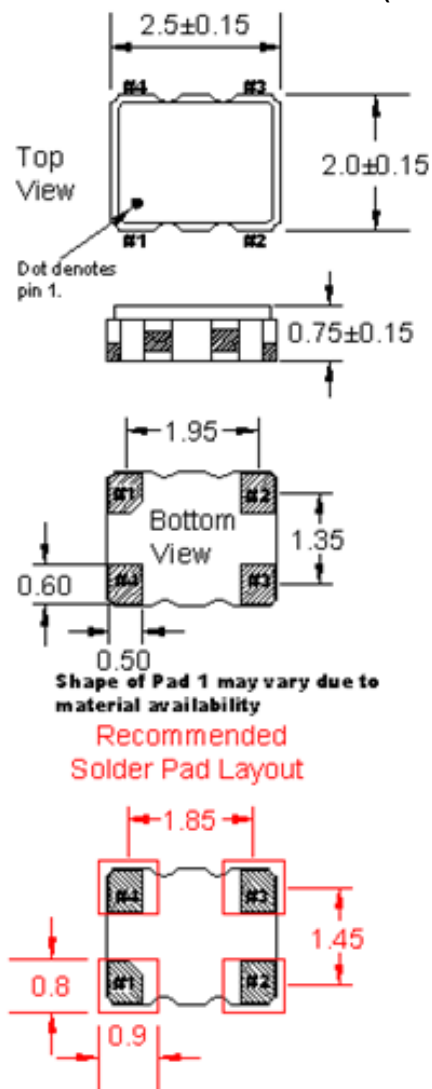
MODEL: T2GC (Formerly FOX929E Series)

RoHS / REACH Compliant / Pb Free /

A. Specifications

Parameter	
Frequency	40.000 MHz
Initial Frequency Tolerance (@25°C ±2°C) (after 2 reflows) (with V _C at pin #1 = 1.5V)	±2.0 ppm Max
Frequency Stability	
Over Temperature Range	±0.5 ppm Max
Over Supply Voltage Change (3.0V±5%)	±0.2 ppm Max
Over Load Change (10kΩ ±10% 10pF ±10%)	±0.2 ppm Max
Temperature Range	
Operating (T _{OPR})	-30°C ~ +85°C
Storage (T _{STG})	-40°C ~ +85°C
Supply Voltage (V _{DD})	3.0 V ±5%
Input Current (I _{DD})	2.0 mA Max
Control Voltage (V _C)	1.5V ±1.0V
Pullability	5 ppm MIN
Output Voltage (Clipped Sine) Peak to Peak Level (V _{P-P})	0.8 V _{P-P} Min
Output Load	10kΩ 10pF
Aging @ 25°C	±1 ppm-YR
Maximum Soldering Temp / Time	260°C / 10 Seconds
Moisture Sensitivity Level (MSL)	1
Termination Finish:	Au
Weight (TYP)	25.2 mg

B. Mechanical / Dimensions (mm)



Pin Assignments

- | | |
|----------------------|--------------------|
| 1) V _{Cont} | 3) Output |
| 2) GND | 4) V _{DD} |

Note: Dimensional drawing is for reference to critical specifications defined by size measurements. Certain non-critical visual attributes, such as side castellations, etc. may vary.

NOTE: The above specifications, having been carefully prepared and checked, is believed to be accurate at the time of publication; however, no responsibility is assumed by Fox Electronics for inaccuracies.

Reference / Comments	Title / Description: PRODUCT SPECIFICATIONS		
	Drawing Number: DWG-10668	Rev:	Size: A
	Part Number: FT2GCDUK40.0		Cage: 61429
	Draftsperson: ARR	Approved: BEC	Date: 12-15-2017

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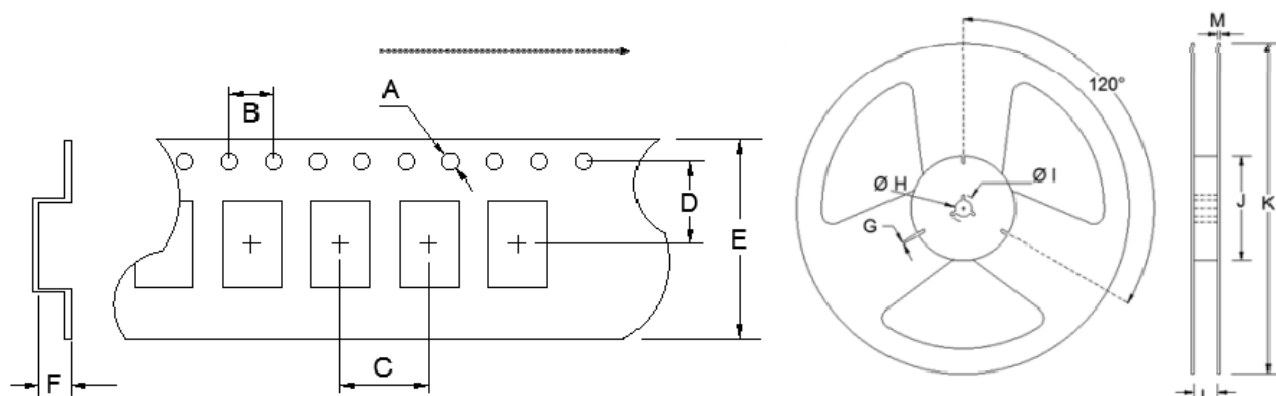
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Tape & Reel Specification

Tape Specifications (millimeters)

A	B	C	D	E	F	STD Reel QTY
Φ1.5	4.0	4.0	3.5	8.0	1.4	3,000



Reel Specifications (millimeters)

G	H	I	J	K	L	M
2.0	Φ13	Φ21	Φ60	Φ180	9.0	2.0

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