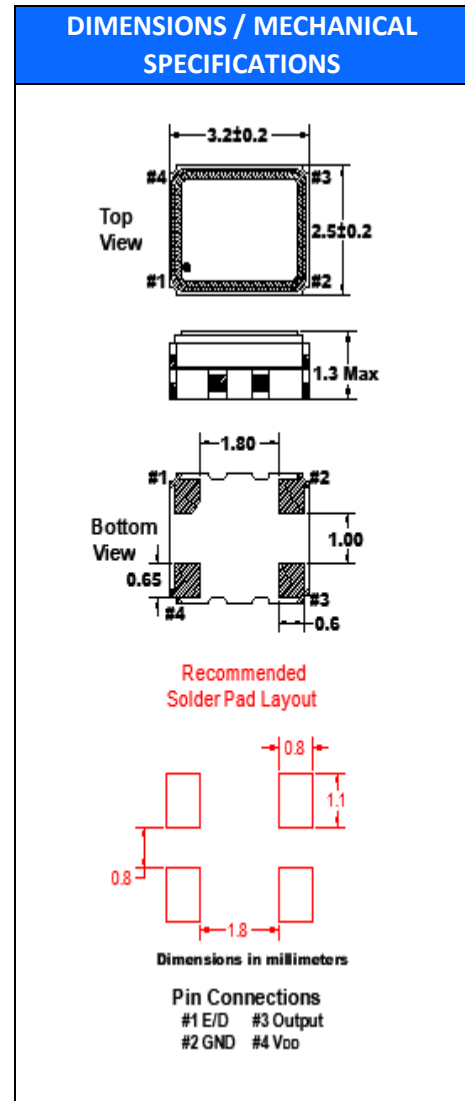
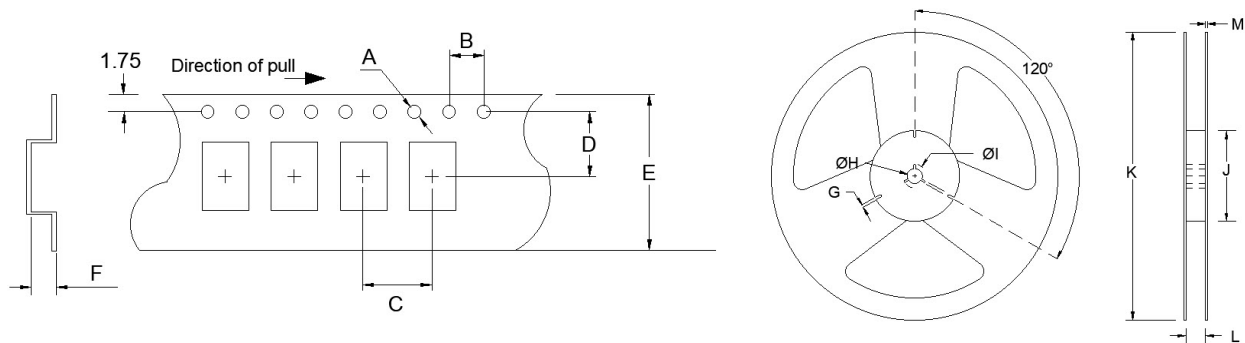


STANDARD SPECIFICATIONS	
PARAMETERS	MAX (Unless otherwise noted)
Frequency Range	32.768 kHz
Temperature Range	
Operating (T _{OPR})	-40°C ~ +85°C
Storage (T _{STG})	-55°C ~ +105°C
Supply Voltage (V _{DD})	+3.3V ± 5%
Supply Voltage - Operable	1.5 ~ 5.5V
Input Current (I _{DD}) (No Load)	2.0µA
Initial Frequency Tolerance @ 25°C (after 2 reflows)	±3 PPM
Frequency Stability	
Over Temperature Range	±5.0 PPM
Over Supply Voltage Change (3.3V±5%)	±0.3 PPM
Over Load Change (15pF ±5%)	±0.3 PPM
Rise Time (20% ~ 80% V _{DD})	100nS
Fall Time (80% ~20% V _{DD})	100nS
Symmetry (50% V _{DD})	40% ~ 60%
Output Voltage (VOL)	0.4V
(VOH)	V _{DD} - 0.4V min
Output Load (C _L)	15pF
Aging per year (@ 25°C)	±3.0 PPM
Startup Time (T _S)	3.0 Seconds
Temperature Compensation Voltage (VTEMP)	V _{DD} = 2.0V min
Reflow Soldering Temp	260°C / 10 Seconds x 2
Moisture Sensitivity Level (MSL)	1
Termination Finish	Au (0.3~1µm) over Ni (1.27~8.89µm)
Lead-Free	Yes
RoHS/REACH Compliant	Yes



All specifications subject to change without notice

TAPE SPECIFICATIONS (mm)							REEL SPECIFICATIONS (mm)						
A	B	C	D	E	F	REEL QTY	G	H	I	J	K	L	M
ø1.55	4.0	4.0	3.5	8.0	1.4	-T3 = 3,000 default -T2 = 2,000 -T1 = 1,000	2.0	ø13	ø21	ø60	ø180	9.0	1.25



Available Options & Part Identification for TCXO Model B3HD

Sample PN: **FB3HDBLM0.032768-T3**

F	B3HD	B	L	M	0.032768	-T3
<u>Fox</u>	<u>Model Number</u>	<u>Tolerance</u> B = +3.3V±5%	<u>Stability</u> L = ±5.0 PPM	<u>Operating Temperature</u> M = -40 to +85°C	<u>Frequency (MHz)</u>	<u>Values Added Options</u> Blank = Bulk T1 = 1,000 pcs T2 = 2,000 pcs T3 = 3,000 pcs

Reliability Test Conditions

Please contact Abracon Quality Assurance department