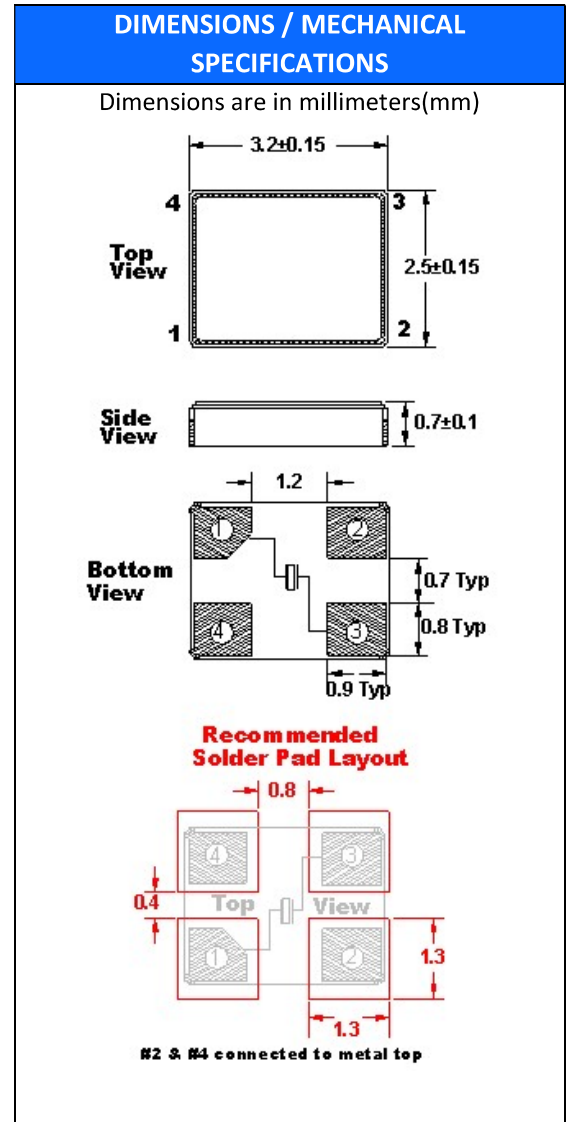




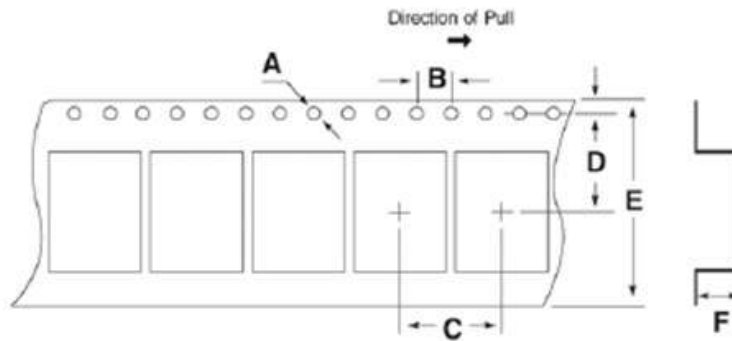
**THE DATASHEET OF**  
**603-38.88-7**



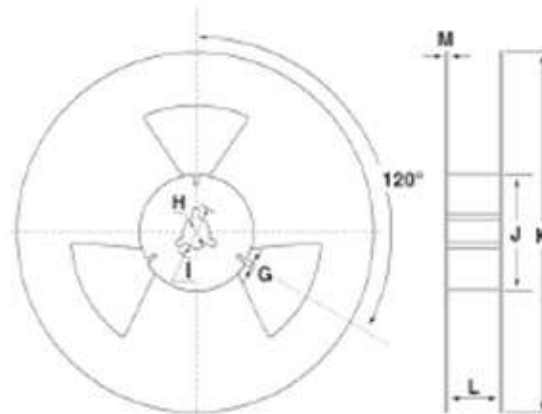
STANDARD SPECIFICATIONS	
PARAMETERS	MAX (Unless otherwise noted)
Frequency	38.880 MHz
Resonance Mode	Fundamental
Frequency Tolerance @ 25°C	±20 PPM
Frequency Stability, ref @ 25°C Over Operating Temp. Range	±20 PPM
Temperature Range	
Operating (TOPR)	-40°C ~ +85°C
Storage (TSTG)	-40°C ~ +85°C
Equivalent Series Resistance (ESR)	30 Ohms
Shunt Capacitance (C <sub>0</sub> )	3 pF
Load Capacitance (C <sub>L</sub> )	12 pF
Drive Level	0.3 mW
Aging per year	±10 PPM
Maximum Soldering Temp / Time	260°C / 10 Seconds
Moisture Sensitivity Level (MSL)	1
Termination Finish:	Au over Ni
Weight (TYP)	19.92225 mg
Lead (Pb) Free	Yes
RoHS Compliant	Yes, no exemptions



TAPE SPECIFICATIONS (mm)							
MODEL	A	B	C	D	E	F	REEL QTY
FC3BS	ø1.5	4.0	4.0	3.5	8.0	1.3	3,000



REEL SPECIFICATIONS (mm)							
MODEL	G	H	I	J	K	L	M
FC3BS	2.0	ø13	ø21	ø80	ø180	9.0	2.0



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