

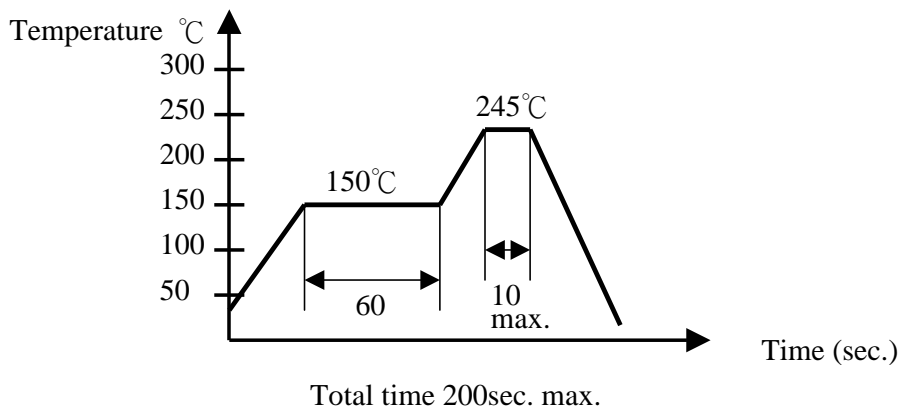
QUARTECH

TUNING FORK CRYSTAL UNIT

ELECTRIC CHARAC

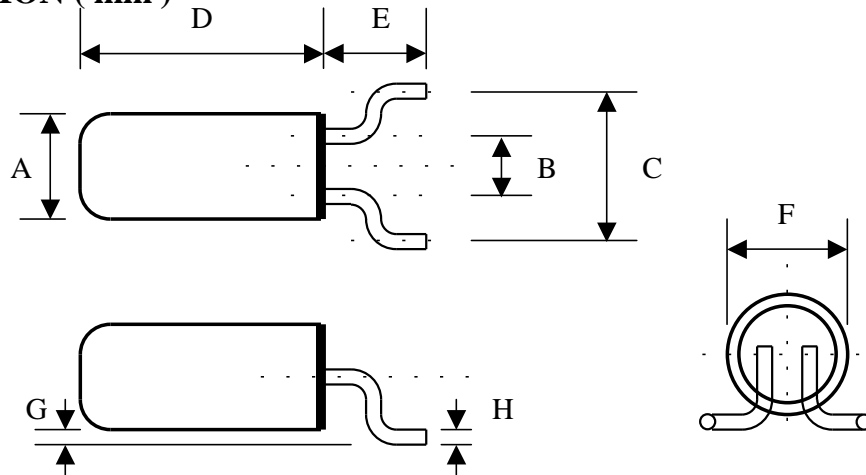
PARAMETERS	QTF-26SM
Mode of Vibration	+2° X-cut ,Fundamental
Frequency Range	F 32.768KHz (25 ~ 150KHz)
Load Capacitance	CL 12.5 PF Typical
Frequency Tolerance at 25°C	± 20 ppm or ± 100 ppm
Series Resistance	Rr 40 KW Max.
Quality Factor	Q 40K Min.
Turnover Temperature	To 25 °C ± 5°C
Temperature Coefficient	K -0.035 ppm/°C ² Typical
Operation Temperature	-10°C ~ +60°C
Shunt Capacitance	Co 1.8PF Typical
Aging 1st Year	Df/f ± 5 ppm max.
Shock Resistance	± 5 ppm max.
Capacitance Ratio	C ₀ /C 470 Typical
Insulation resistance	500MW at DC 100V ± 15V
Drive Level	1 mW ± 0.2 mW

REFLOW SOLDERING PROFILE



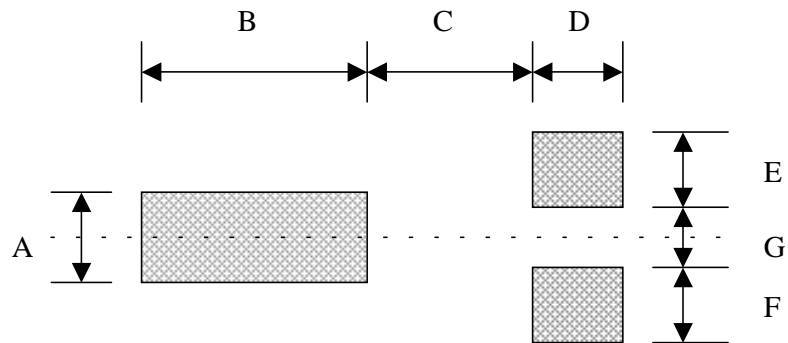
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DIMENSION (mm)



A	B	C	D	E	F	G	H
$\phi 1.9 \pm 0.1$	0.7 ± 0.2	2.54 ± 0.2	6.5 max.	2.5 ± 0.2	$\phi 2.0 \pm 0.2$	0 ~ 0.25	0.23 ± 0.03

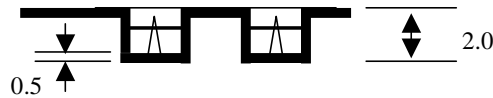
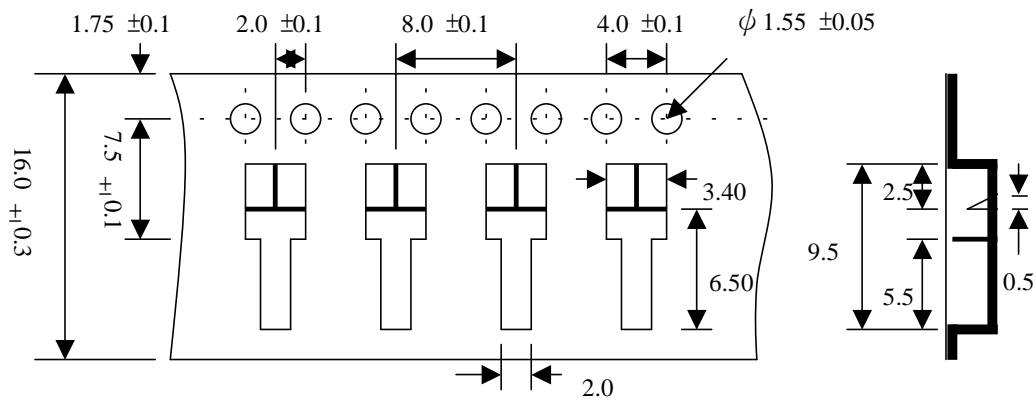
LAND PATTERN LAYOUT (EXAMPLE)



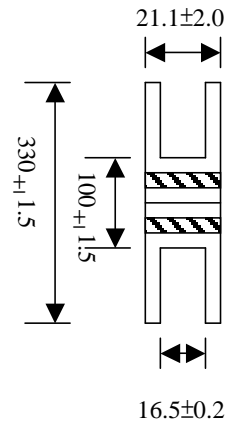
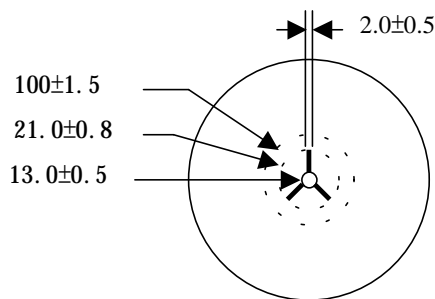
A	B	C	D	E	F	G
2.5	6.0	1.75	2.5	1.0	1.0	1.54

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TAPE AND REEL DIMENSIONS



W	16.0 ±0.3
A0	2.0 ±0.1
B0	9.5 ±0.1
K0	2.0 ±0.1



1. 10 sprocket hole pitch cumulative tolerance ±0.2
2. Carrier camber is within 1 mm in 100 mm
3. Material : Transparent Polystyrene Alloy (UP-6200)
4. All dimensions meet EIA-48I-2 requirements
5. Thickness : 0.3 ±0.05 mm
6. Packing length per 22" reel : 98.5Meters
7. Component load per 13" reel :3000 pcs