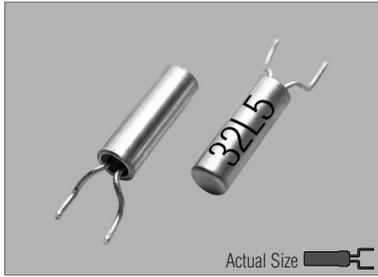
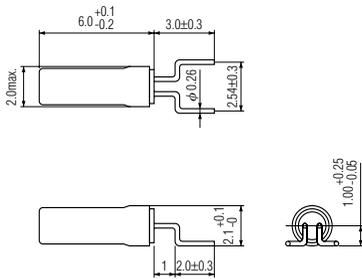


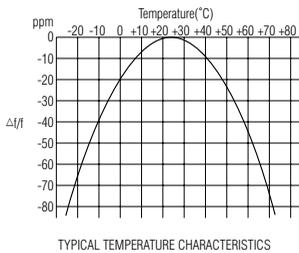
2x6(LF)H



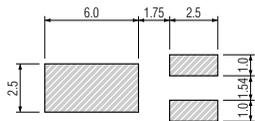
2x6(LF)H



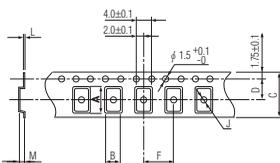
XY-CUT



SOLDERING PATTERN



TAPE SPECIFICATIONS



A	B	C	D	E	F	G	H	I	J	K	L	M	Reel Dia.	Qty/Reel
9.7	4.0±0.5	16.0	7.5	8.0	—	0.3	2.15	330					330	2000pcs

### STANDARD SPECIFICATIONS

Item	Symbol	Specifications
Part number	P/N	26STF327(LF)H
Package type		2x6(LF)H
Nominal frequency	F	32.768 kHz
Frequency tolerance at +25°C	$\Delta f/F$	AA : $\pm 10$ ppm A : $\pm 15$ ppm B : $\pm 20$ ppm <b>C : <math>\pm 30</math> ppm standard</b> D : $\pm 50$ ppm
Load capacitance	CL	12.5 pF : 26STF327(LF)H 10.0 pF : 26STF327-10 (LF)H 8.0 pF : 26STF327-8(LF)H
Equivalent series resistance	ESR	50 k $\Omega$ max.
Drive level	P	1.0 $\mu$ W max.
Turnover temperature	Tt	+25°C $\pm 5^\circ$ C
Temperature coefficient	$\beta$	-0.034 ppm/ $^\circ$ C <sup>2</sup> , Typical
Quality factor	Q	50000 min
Shunt capacitance	Co	1.45 pF, Typical
Motional capacitance	C1	0.003 pF, Typical
Capacitance ratio	$\gamma$	480, Typical
Aging (for first year)	$\Delta f/F$	$\pm 5$ ppm max. at +25°C $\pm 3^\circ$ C
Insulation resistance	Ri	500M $\Omega$ min. at 100V DC $\pm 15$ V
Cut		XY-Cut
Operating temperature range	To	-40°C to +85°C
Storage temperature range	Ts	-55°C to +125°C
Shock resistance	$\Delta f/F$	$\pm 10$ ppm max.
Vibration resistance	$\Delta f/F$	$\pm 10$ ppm max.
IR reflow resistance	$\Delta f/F$	$\pm 10$ ppm max.
Reflow condition		10 seconds max. at +250°C $\pm 10^\circ$ C

### PACKAGE DATA

Item	Package	2x6(LF)H
Cover		Metal
Base		Glass
Sealing		Press-fit
Terminal lead		Alloy (FeNiCo)
Terminal lead plating		Tin-90Pb
RoHS		Compliant