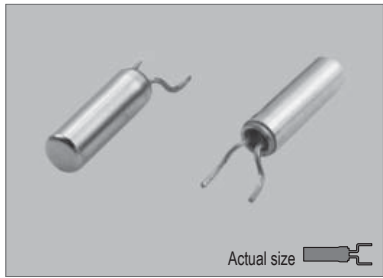
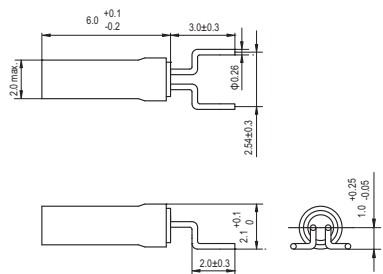


26(LF)

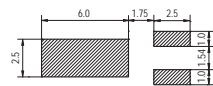


Actual size 0.0535 gm (wt.)

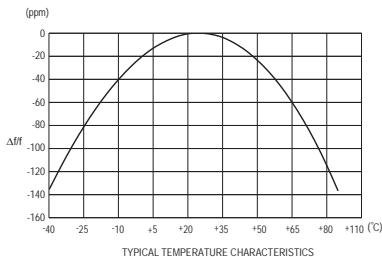
26(LF)



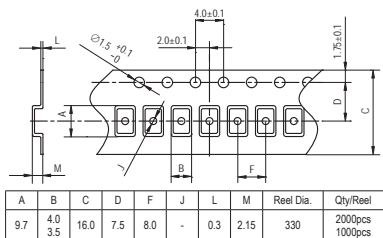
SOLDERING PATTERN



XY-CUT



TAPE SPECIFICATIONS



STANDARD SPECIFICATIONS

Item	Symbol	Specifications
Part number	P/N	26(LF)327*1
Package Type		26(LF)*2
Nominal frequency	F	32.768 kHz
Frequency tolerance (at +25°C)	$\Delta f/F$	A : ± 15 ppm B : ± 20 ppm C : ± 30 ppm (Standard) D : ± 50 ppm
Load capacitance	CL	12.5 pF : 26(LF)327 (Standard) 10.0 pF : 26(LF)327-10 8.0 pF : 26(LF)327-8
Equivalent series resistance	ESR	50k Ω max. (To : -40°C to +85°C)
Drive level	P	1 μ W max.
Turnover temperature	Tt	+25°C ± 5 °C
Temperature coefficient	β	-0.034 ppm / °C ² , Typical.
Quality factor	Q	50000 min.
Shunt capacitance	C0	1.45 pF, Typical
Motional capacitance	C1	0.003 pF, Typical
Capacitance ratio	γ	480, Typical
Aging (for first year)	$\Delta f/F$	± 5 ppm max. at +25°C ± 3 °C
Insulation resistance	Ri	500 M Ω min. at 100V DC ± 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	$\Delta f/F$	± 10 ppm max.
Vibration resistance	$\Delta f/F$	± 10 ppm max.
IR reflow resistance	$\Delta f/F$	± 10 ppm max.
Reflow condition		10 seconds max. at +250°C ± 10 °C

(*1) Formerly 26STF327(LF)H

(*2) Formerly 2x6(LF)H

PACKAGE DATA

Item	Package	26(LF)
Cover		Metal
Base		Glass
Sealing		Press-fit
Terminal lead		Kovar
Terminal lead plating		Sn-90Pb
RoHS		Compliant