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Miniatur SM-Uhrenquartz miniature SM clock crystal

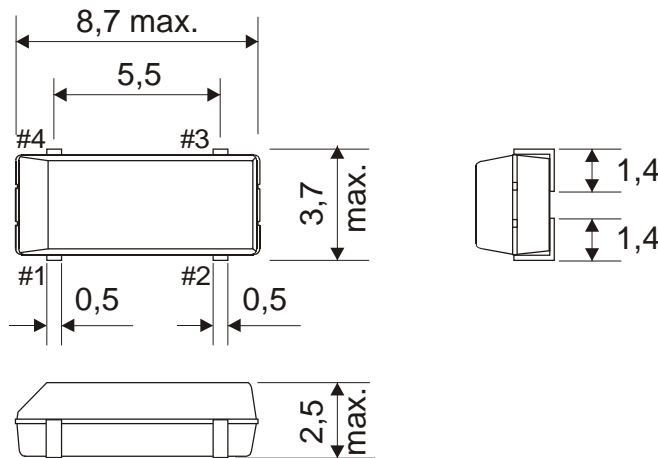
SXCT2_H



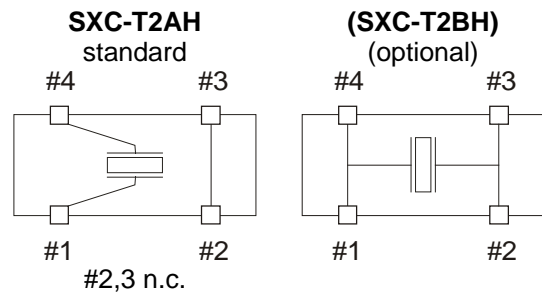
- kleine Bauform, hohe Packungsdichte
 - stabiles Schwingverhalten
 - hervorragende Zuverlässigkeit
 - weiter Betriebstemperaturbereich
 - 2,5 mm Bauhöhe - gleich mit SM-IC's
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- *small outline for high density mounting*
 - *stable performance*
 - *excellent reliability*
 - *wide operating temperature range*
 - *2,5mm thickness - equal to SM IC's*

Part no.		SXC-T2AH	SXC-T2BH
Package type		SXCT2	
Nominal frequency	F	32,768 kHz	
Frequency tolerance at +25°C	$\Delta f/F$	±20 ppm	
Load capacitance	C_L	12,5 pF	
Series resistance	R_S	50 kOhm max.	
Drive level	P	1,0 μ W max.	
Quality factor	Q	50.000 min.	
Turnover temperature	T_i	+25°C ±5°C	
Parabolic curvature constant	β	-0,035ppm/K ² typ.	
Shunt capacitance	C_0	1,0 pF typ.	
Aging	$\Delta f/F$	first year ±5 ppm max. at +25°C	
Operating temperature range	T_O	-40°C to +85°C	
Storage temperature range	T_S	-55°C to +125°C	
Reflow soldering condition	T_R	10 seconds max. at +260°C	
RoHS		konform / conformat	

Abmessungen / dimensions



Anschlußschema / schematics

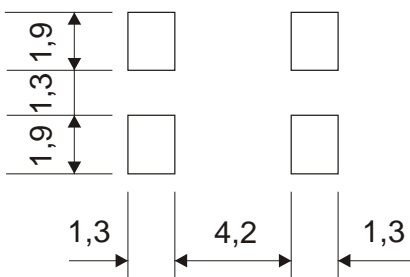


Bestellbezeichnung Lagertypen order code stock items

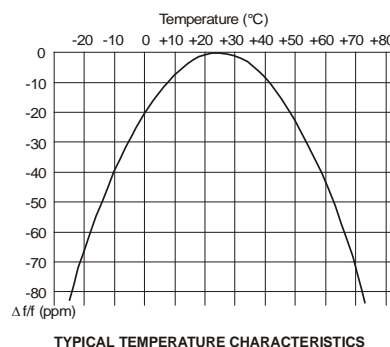
SXC-T2AH ±20ppm 12.5pF

Bezeichnung wurde durch die Umstellung auf halogenfrei von SXC-T2AS auf SXC-T2AH geändert / order code changed from SXC-T2AS to SXC-T2AH due to halogen free transition

Layoutvorschlag suggested soldering pad



XY-Cut



Lötprofil lead-free solder profile

