



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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CSX-325F SERIES

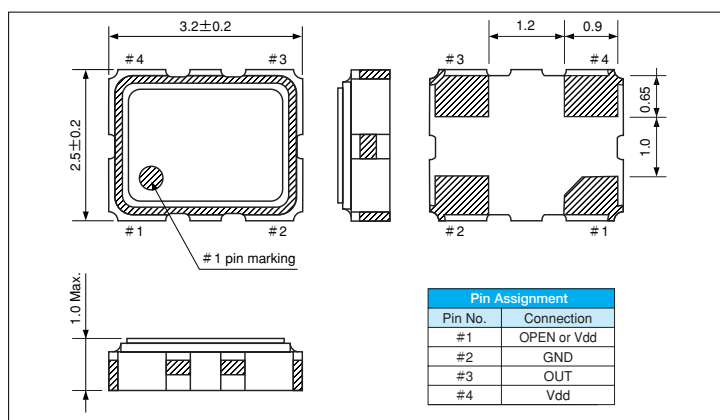
2000pcs/reel



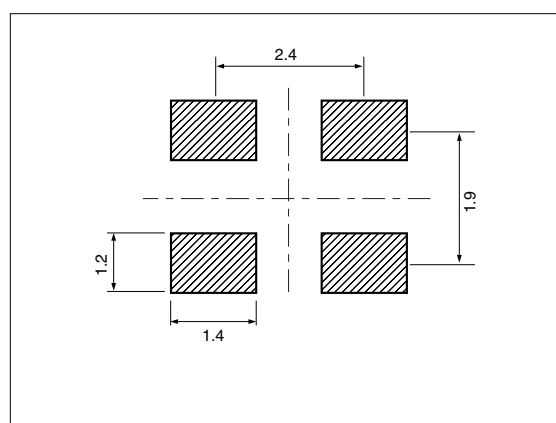
FEATURES

- High-density SMD type.
- Ultra-light weight and ultraminiature size.
- Low current consumption.
- Suitable for various applications such as communication devices, AV devices, automotive devices and measuring instruments.
- Automatic mounting and reflowable type.

DIMENSION [mm]



SOLDER PAD LAYOUT [mm]



STANDARD SPECIFICATIONS

* Model is determined by the selection for the output enable or stand-by function, the frequency stability and the supply voltage.

Item	Model	CSX-325F (@) (*)	
Frequency Range		12.500MHz~54.000MHz	
Supply Voltage	(@)	H : Vdd=2.5V±0.1V	J : Vdd=3.3V±0.1V
Frequency Stability	(*)	B : ±50ppm, C : ±100ppm, E : ±50ppm(-40°C~+85°C), F : ±100ppm(-40°C~+85°C)	
Operating Temperature Range		-20°C~+70°C (-40°C~+85°C)	
Storage Temperature Range		-55°C~+125°C	
Current consumption	(No load)	5mA Max. (<30.0MHz) / 7mA Max. (<54.0MHz)	
Duty	CMOS level (1/2 Vdd)	40~60%	
Output Voltage	V _{OH}	0.8Vdd Min.	
	V _{OL}	0.2Vdd Max.	
Output Load		CMOS 15pF Max.	
Rise and Fall Time	0.2Vdd⇔0.8Vdd	10 nsec Max.	
Start-up time		10 msec Max.	
Aging (first year)		±2ppm / year Max.	