

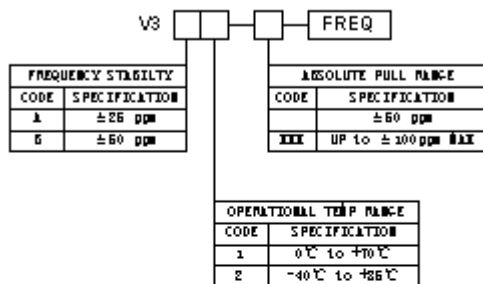


# V3 TYPE-SMD 5X7 CERAMIC PACKAGE

## Standard Specifications

PARAMETER	SYMB	CONDITION	MIN	TYP	MAX	UNIT
Frequency Range	F		1.8432		36.0	MHz
Frequency Stability	$\Delta F/F$	Overall			$\pm 50$	ppm
Operating Temperature Range	0 °C to 70 °C (-40 °C to +85 °C available)					
Supply Voltage	V DD		3.15	3.30	3.45	V
Input Current	I DD	15 pF		5		mA
Duty Cycle		@50% V DD	45	50	55	%
Rise/Fall Time	T r /T f	10% to 90%		3.0	6.0	nS
Logic "1" Level	V oh		0.9V DD			V
Logic "0" Level	V ol				0.1V DD	V
Start-up Time	T s			2	10	mS
Absolute Pull range			$\pm 50$			ppm
Control Voltage	V C		0		3.3	V
Linearity				$\pm 10$		%
Enable Input	Input HIGH(>2.2V) or floating: ACTIVE					
Disable Input	Input LOW(<0.8V): INFINITE IMPEDANCE					
Enable/Disable Time					100	nS
Load	15 pF/10-TTL gates					
Output	HCMOS/TTL					

### Ordering Guide

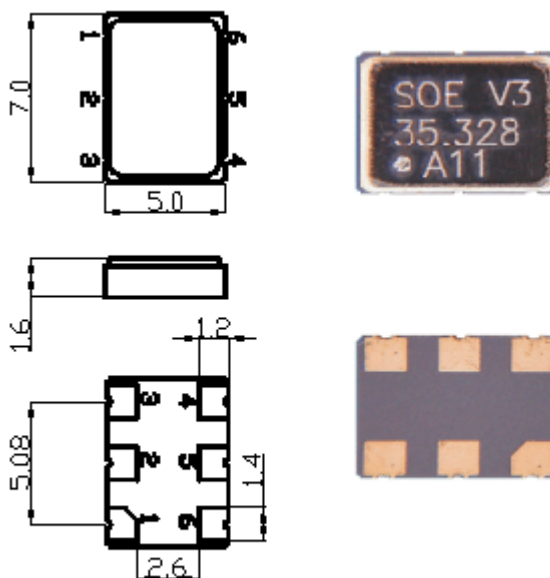


**Example: V3A2-50-35.328MHz**  
 Frequency stability:  $\pm 25$ ppm  
 Operating Temperature: 0°C to +70°C  
 Absolute Pull range:  $\pm 50$ ppm  
 Frequency: 35.328MHz

#### PIN CONNECTIONS

- 1-Voltage Control
- 2-Tristate Control
- 3-GND
- 4-Output
- 5-I<sup>2</sup>C
- 6-Supply Voltage

All Dimensions in mm



CHINA NATIONAL SCIENTIFIC INSTRUMENTS & MATERILAS. CORP

Salse Office: Suite L, 7F, Mansion No 1, GUO DU Development Building, No.182 Chaohui Road, 310014 Hangzhou P.R.China

TEL: 0086-571-85803723 85803731 85803732

FAX: 0086-571-85803724

E-mail: sales@csimc-freqcontrol.com thwu@mail.hz.zj.cn