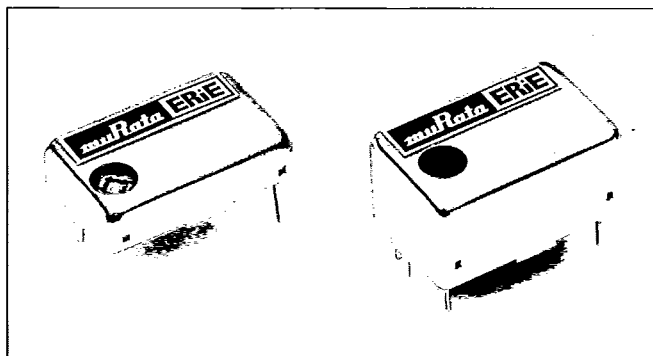


# VCXO LOW COST

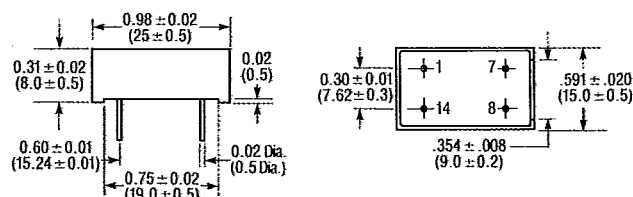
**murata ERIE**


## SPECIFICATIONS

MODEL	V0310-□□	V03110-□□	V03120-□□
Features	Low cost; Low power consumption; Good stability	Low cost; Small package	Low cost; Low profile
Frequency Range	5MHz to 24MHz	8MHz to 36MHz	Model V03120: 8MHz to 24MHz Model V03121: 8MHz to 36MHz
Input Voltage & Current	AStd. @ 10mA	AStd. @ 15mA	Model V03120: AStd. @ 20mA Model V03121: AStd. @ 30mA
Output Type	Model V03100: CStd. Model V03101: TStd.	TStd.	CStd.
Model	Deviation Temp. Stability	Model Deviation Temp. Stability	Model Deviation Temp. Stability
V03100 V03101	±50ppm ±10ppm ±5ppm	V03110 ±50ppm ±20ppm	V03120 V03121 ±50ppm ±20ppm ±30ppm ±30ppm
Control Voltage	Model V03100: 2.5±2V Model V03101: 5±3V	2.5±2V	2.5±2V
Aging Rate	4ppm/Yr.	10ppm/Yr.	V03120: 4ppm/Yr. V03121: 10ppm/Yr.
Temp. Range	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C

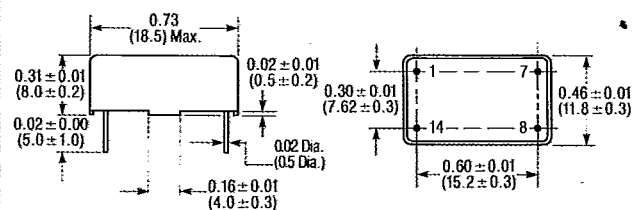
MODEL	V03130-□□
Features	High frequency
Frequency Range	36MHz to 75MHz
Input Voltage & Current	AStd.
Output Type	TStd.; Coptional
Model	Deviation Temp. Stability
V03130	±50ppm ±15ppm
Control Voltage	2.5±2V
Aging Rate	10ppm/Yr.
Temp. Range	0°C to 70°C

### V03100, 3101



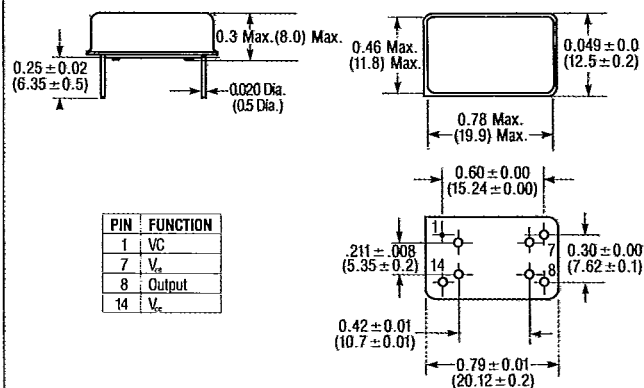
PIN	FUNCTION
1	VC
7	Ground
8	Out
14	+B

### V03110



PIN	FUNCTION
1	VC
7	Ground
8	Output
14	+5V

### V03120, 3121, 3130



PIN	FUNCTION
1	VC
7	V <sub>b</sub>
8	Output
14	V <sub>c</sub>