VFSMC-3



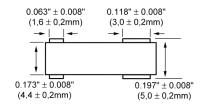
Plastic Encased SMD Crystal

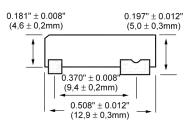
FEATURES

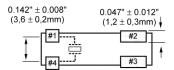
- Low Profile (5,0mm)
- Industry Standard
- Compact Design
- Space Saving
- Cost Effective

OPTIONS

Tape & Reel







So	lecommended lder Pad Layout	0.062"
0.095" (2,4mm)		(1,6mm)
	0.268" (6,7mm)	<u> </u>
0.079" (2,0mm)	0.134" (3,4mm)	L0.095" (2,4mm)

Parameter	Unit	Condition	Min	Тур	Max	Note		
Frequency Range	MHz		3.579545 70.00		70.000			
Frequency Tolerance	ppm	@25°C C _L = 12.5pF						
Frequency Stability	ppm	-10°C to 70°C	±100			Ref: @ 25°C		
Operating Temperature Range	°C		-10		+60			
Storage Temperature Range	°C		-55		125			
Shunt Capacitance (C _O)	рF				7.0			
Load Capacitance (C _L)	рF	Customer Specified	10.0		Series			
Drive Level	mW				0.1			
Aging Per Year	ppm	@25°C	-5.0		+5.0			
Frequency Rang	e	Mode	Max ESR (Ω)					
3.579 - 4.000		Fundamental	200					
4.000 - 5.000		Fundamental	150					
5.000 - 6.000		Fundamental		120				
6.000 - 7.000		Fundamental		100				
7.000 - 9.000		Fundamental		80				
9.000 - 13.000		Fundamental		60				

Fundamental

Fundamental

3rd Overtone

40

30

100

All specifications are subject to change without notice. See the following page on Building a Part Number.

13.000 - 20.000

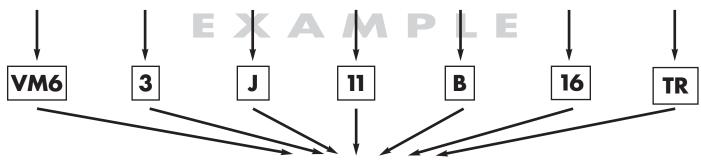
20.000 - 30.000

30.000 - 70.000



BUILDING A PART NUMBER

Package	٨	Node		ibration lerance		perature ability	Ten	perating nperature Range	Series/Parallel		Options	
Code/Meaning	Code	Meaning	Code	Meaning	Code	Meaning	Code	Meaning	Code	Meaning	Code	Meaning
VM6 VM6S VM6SS VM6SSM2 UM-1 UM-4 UM-5 NC26 NC38 VFSMC-1 VFSMC-2 VFSMC-3 VFSMC-4 VFSMC-5 VFSMC-6 VM6SSM3 VM6SSM1 VFAG VFBE VFBG VFCG VFCE VFDG VFCE VFDG VFEG VFFH VF VFFG VFFH VF VF6SMA VF49A18FN1 VF49A19FN1 VF45	1 3 5 7 9	Fundamental 3rd OT 5th OT 7th OT 9th OT	A B C D E F G H I J K L M XX	±5ppm ±10ppm ±15ppm ±20ppm ±25ppm ±30ppm ±40ppm ±45ppm ±100ppm ±150ppm \$PECIAL	1 2 3 4 5 6 7 8 9 10 11 12 13 14 00	±2ppm ±5ppm ±10ppm ±15ppm ±20ppm ±25ppm ±35ppm ±40ppm ±45ppm ±100ppm ±150ppm ±200ppm SPECIAL	A B C D XX E F G H	0 to 70°C -20 to 70°C -40 to 85°C -55 to 125°C SPECIAL -10 to 60°C -0 to 85°C -55 to 105°C -0 to 50°C	0 ENTER LOAD C	Series VALUE OF CAPACITOR PARALLEL COUITS	5 MS TR VS CL	3rd Lead Mylar Spacer Tape + Reel Vinyl Sleeve Cut Leads sec. length) None



VM6-3J11B16-TR-FREQUENCY

VM6 = VM6 **3** = 3rd OT

J = ±50ppm calibration at room temperature.

11 = ± 50 ppm temperature stability

B = -20 to 70° C operating temperature range over which ± 50 ppm stability applies

16 = 16pF load capacitance

TR = Tape + Reel

Note: Some part number options not available with all package types.

