

X'Tal 系列晶体谐振器 (Crystal)

产品特点 Feature

- ◆ 高稳定性,低相噪
- ◆ 小尺寸
- ◆ 应用: 通信,GPS WiMAX,WLAN 手机



技术指标 Specifications

Type	SMD2016	SMD2520	SMD3225	SMD5032	SMD6035	49SMD	49S	Unit	Remark
Parameter	8-65								
Frequency Range (MHz)	20~65	16~65	10~65	8~65	8~65	3~60	3~60	MHz	
Storage Temperature Range	-55~125	-55~125	-55~125	-55~125	-55~125	-55~125	-55~125	℃	
Level of Drive	100	100	100	100	100	100	100	uW	
Shunt Capacitance (C0)	3	3	3	5	5	7	7	pF	
Insulation Resistance	500	500	500	500	500	500	500	Mohm	at DC 100V
Aging	±1	±1	±1	±1	±1	±3	±3	ppm/Year	
ESR(Equivalent Series Resistance)									
F0≤4MHz	-	-	-	-	-	150	150	ohm	Fund
4MHz≤F0<6MHz	-	-	-	-	-	100	100	ohm	Fund
6MHz≤F0<10MHz	-	-	490	80	60	70	70	ohm	Fund
10MHz≤F0<12MHz	-	-	300	65	60	60	60	ohm	Fund
12MHz≤F0<16MHz	-	-	80	55	45	50	50	ohm	Fund
16MHz≤F0<20MHz	-	100	80	50	45	40	40	ohm	Fund
20MHz≤F0<24MHz	100	80	60	40	40	40	40	ohm	Fund
24MHz≤F0<30MHz	100	80	50	40	35	30	30	ohm	Fund
30MHz≤F0<48MHz	80	60	50	30	30	20	20	ohm	Fund
48MHz≤F0	80	60	50	30	30	-	-	ohm	Fund
30MHz≤F0<36MHz	-	-	-	-	-	80	80	ohm	3RD
36MHz≤F0<80MHz	-	-	-	-	-	60	60	ohm	3RD
Pin/Lead (Qty)	4	4	4	4	4	2/3	2/3	pcs	
Height	0.5	0.55	0.65	0.9	1	4.2/3.0	3.5/2.5	mm	
Packing	3000/Reel	3000/Reel	3000/Reel	1000/Reel	1000/Reel	1000/Reel			

FREQ. STABILITY vs. TEMP. RANGE

1.SMD6035 and SMD 5032

Temp(℃) \ ppm	±5	±10	±15	±20	±30	±50
-10~60	△	○	○	○	○	○
-20~70	X	○	○	○	○	○
-40~85	X	X	○	○	○	○
-40~105	X	X	△	△	○	○
-40~125	X	X	X	X	△	○

2.SMD3225 , SMD 2520 and SMD2016

Temp(℃) \ ppm	±5	±10	±15	±20	±30	±50
-10~60	△	○	○	○	○	○
-20~70	X	○	○	○	○	○
-40~85	X	X	○	○	○	○
-40~105	X	X	X	△	○	○
-40~125	X	X	X	△	△	○

3.49S and 49SMD

Temp(℃) \ ppm	±10	±15	±20	±30	±50
-10~60	○	○	○	○	○
-20~70	○	○	○	○	○
-40~85	X	△	△	○	○
-40~105	X	X	X	X	○

Note: ○:Available, △:Conditional, X:Not available

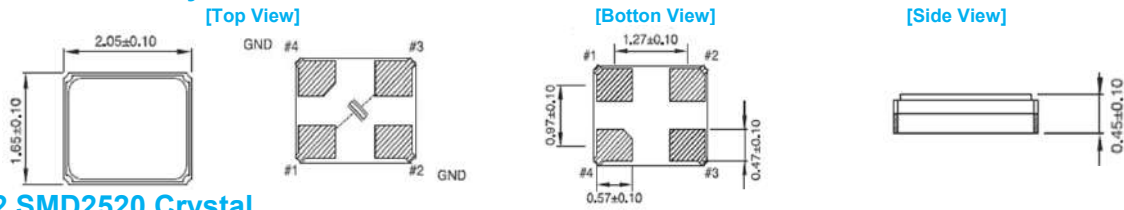
Tel:+86 28-66118598 Fax: +86 28-66118501 P.C:611731

Web:<http://www.chinacrec.com>

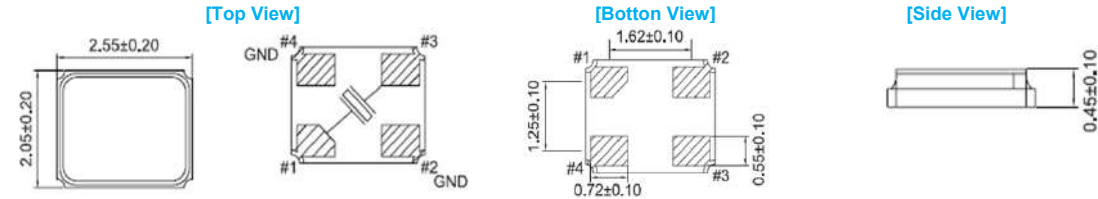
Address: NO.8 Baiye Road, West District of Chengdu international. High-tech Development Zone, Sichuan, China

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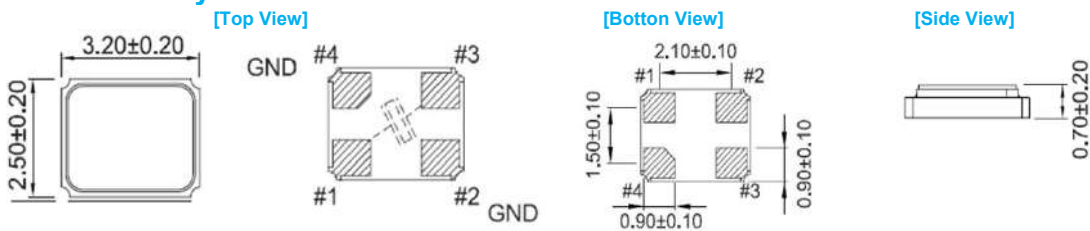
1.SMD2016 Crystal



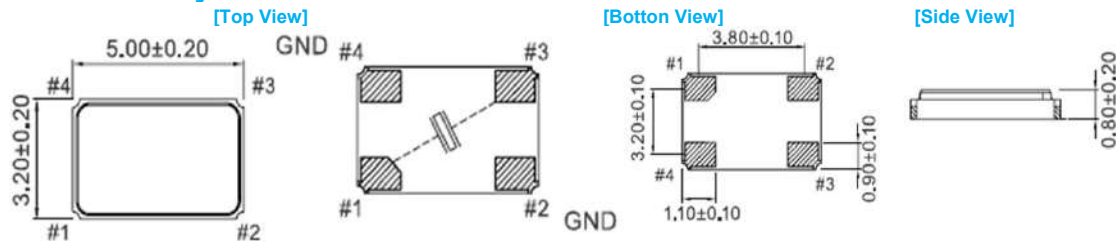
2.SMD2520 Crystal



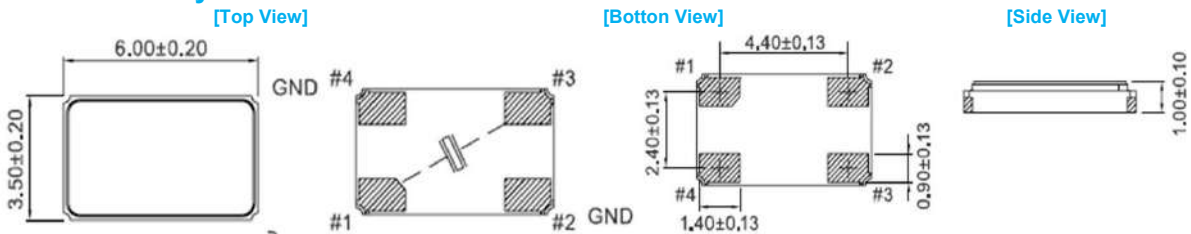
3.SMD3225 Crystal



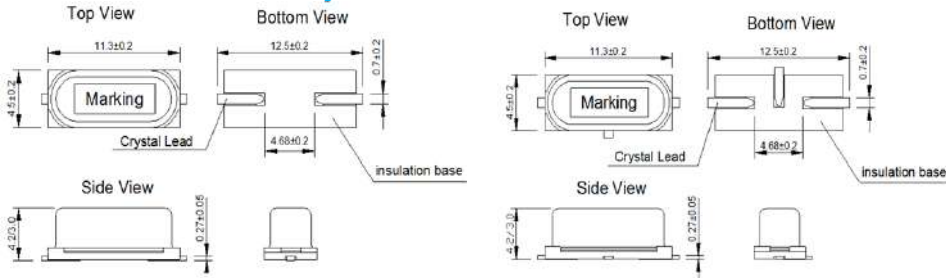
4.SMD5032 Crystal



5.SMD6035 Crystal



6.DIP 49SMD Series Crystal



7.DIP 49S Series Crystal

