Quartz Crystal SPK-HC-49/US-SMD



• Typical applications:

motherboard of computers, consumer electronics, CD-ROM, VTR, data communication, automotive electronics, modem, TV games

• Features:

low profile, bulk, offer fitted insulator, large range of frequencies, resistance weld

• Electrical specifications:

3.2 MHz ~ 30 MHz
27 MHz ~ 70 MHz
AT–CUT or 3rd AT-CUT
Series or 8 to 50 PF
+/-10ppm ~ +/-50ppm
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0~50°C, -10~60°C, -20~70°C, -30~80°C, -40~85°C.
7 pF maximum
See table 1
+/-3 ppm
0.05, 0.1, 0.2, 0.5, 1.0mW (to be specified by customer)
>500M Ω min/DC100V

Please consult for other specifications.

• Table 1: Equivalent series resistance (ESR Ω)

Frequency	E.S.R. max.	Frequency	E.S.R. max.
3.2 ~ 3.4 MHz	300	13.0 ~ 30.0MHz	40
3.5 ~ 4.0 MHz	150	24.0 ~ 40.0MHz	40
4.1 ~ 4.9 MHz	120	40.1 ~ 48.0MHz	30
5.0 ~ 5.9 MHz	100	27.0 ~ 30.0 MHz (3rd)	150
6.0 ~ 8.9 MHz	80	30.1 ~ 50.0 MHz (3rd)	100
9.0 ~ 9.9 MHz	60	50.1 ~ 70.0 MHz (3rd)	80
10.0~12.9 MHz	50		