

Series WX6

Resistance Welded HC-49/S Low Profile Package



FEATURE

- Standard height 3.5mm, the part is compact at about one-fourth of the HC-49/U package
- A resistance weld completely sealed type
- Good stability and high reliability
- Copes with high density mounting and is the optimum for mass production



ELECTRICAL SPECIFICATIONS

| | |
|------------------------------|---|
| Nominal frequency | 3.000 to 100.000MHz |
| Oscillation mode | See below table |
| Operating temperature range | -10°C--+60°C (standard), -20°C--+70°C, -40°C--+85°C, or Specify |
| Storage temperature range | -40°C--+85°C |
| Frequency tolerance | ±30PPM at 25±2°C (standard) or specify |
| Freq. Temp characteristics | ±30PPM (standard) or specify |
| Load capacitance | series, 16pF, 18pF, 20pF, 30pF, or specify |
| Equivalent series resistance | See below table |
| Parallel capacitance(Co) | 7PF Max |
| Drive level | 100 μW Typical |
| Insulation resistance | More than 500M Ω AT DC100V |

EQUIVALENT SERIES RESISTANCE(ESR) AND OSCILLATION MODE

| Frequency Range | E.S.R (Ω) | Mode | Frequency Range | E.S.R (Ω) | Mode |
|---------------------|-----------|----------------|----------------------|-----------|--------------------|
| 3.000MHz~5.999MHz | 150Max | Fundamental/AT | 24.000MHz~40.320MHz | 30Max | Fundamental/ BT |
| 6.000MHz~7.999MHz | 60Max | Fundamental/AT | 24.000MHz~29.999MHz | 100Max | Third Overtone /AT |
| 8.000MHz~15.999MHz | 50Max | Fundamental/AT | 30.000MHz~49.999MHz | 80Max | Third Overtone /AT |
| 16.000MHz~30.000MHz | 30Max | Fundamental/AT | 50.000MHz~100.000MHz | 60Max | Third Overtone /AT |

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Dimension

