

FEATURES

- HIGH RELIABILITY FOR LOW COST
- EXCELLENT CLOCK SIGNAL GENERATOR FOR CPU'S

| | | | | | | |
|------------------------------------|-----------------|---|-------------------|------------------|------------------|-------------------|
| SERIES | | HC-50/U | | | | |
| PACKAGE DIMENSIONS | | SEE OUTLINE DRAWING | | | | |
| FREQUENCY RANGE | | 1.0 ~ 1.228 MHz | 1.8432 ~ 45.0 MHz | 24.0 ~ 100.0 MHz | 80.0 ~ 160.0 MHz | 110.0 ~ 200.0 MHz |
| MODE OF VIBRATION | | SL-FUNDAMENTAL | AT-FUNDAMENTAL | 3rd OVERTONE | 5th OVERTONE | 7th OVERTONE |
| RESONANCE RESISTANCE | | 500 Ω MAX. | 400 ~ 20 Ω | 40 Ω MAX. | 70 Ω MAX. | 120 Ω MAX. |
| FREQUENCY TOLERANCE AT 25°C | | +10 PPM ~ +50 PPM | | | | |
| TEMPERATURE RANGE | | 0/+50°C ~ -40/+85°C | | | | |
| TEMPERATURE STABILITY | +3 PPM | 0+50°C | | | | |
| | +5 PPM | 0+50°C / -10/+60°C / 0/+70°C -20/+70°C | | | | |
| | +10 PPM | 0+50°C / -10/+60°C / 0/+70°C / -20/+70°C | | | | |
| | +15 PPM | 0+50°C / -10/+60°C / 0/+70°C / -20/+70°C / -40/+85°C | | | | |
| | +20 PPM | 0+50°C / -10/+60°C / 0/+70°C / -20/+70°C / -40/+85°C | | | | |
| | +30 PPM | 0+50°C / -10/+60°C / 0/+70°C / -20/+70°C / -40/+85°C | | | | |
| | +50 PPM | 0+50°C / -10/+60°C / 0/+70°C / -20/+70°C / -40/+85°C / -40/+125°C | | | | |
| LOAD CAPACITANCE | | 8 ~ 32 PF OR SERIES | | | | |
| SHUNT CAPACITANCE | | 7 PF MAX. | | | | |
| DRIVE LEVEL | | 100 μW MAX. | | | | |
| AGING | | +2 PPM PER YEAR | | | | |
| INSULATION RESISTANCE | | >500 MΩ DC/100V +-10% | | | | |
| DELIVERY FORM | | BULKS | | | | |
| DELIVERY FORM | STANDARD | WITHOUT INSULATOR | | | | |
| | OPTION | WITH INSULATOR | | | | |
| | OPTION | VINYL SLEEVE AROUND THE HOLDER | | | | |

OTHER PARAMETERS ARE AVAILABLE ON REQUEST / CREATE HERE YOUR SPECIFICATION

PART NUMBERING SYSTEM

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|----------------|--|
| EXAMPLE | HC-50/U 27.000 MHz 30/50/-40+85/20pF/I/V |
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|------------------------------------|---|
| SERIES | HC-50/U |
| FREQUENCY | REQUIRED VALUE |
| FREQUENCY TOLERANCE AT 25°C | REQUIRED VALUE |
| TEMPERATURE STABILITY | REQUIRED VALUE |
| TEMPERATURE RANGE | REQUIRED VALUE |
| LOAD CAPACITANCE | REQUIRED VALUE |
| DELIVERY FORM | BLANK FOR BULKS AND NO OPTION |
| | I = WITH INSULATOR |
| | V = WITH VINYL SLEEVE AROUND THE HOLDER |

OUTLINE DRAWING OF HC-50/U

