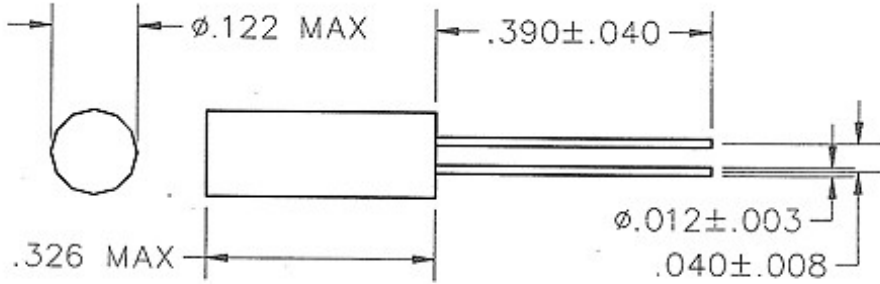


Crystal, Cylindrical

| DATA SHEET | | |
|---|--|---|
| Part Number | 38TA | |
| Frequency | 3.500MHz ~ 60.000MHz | |
| Calibration Tolerance @ 25°C | ±50PPM Standard (See Option Table) | |
| Operating Temperature Range | -10°C ~ 60°C Standard (See Option Table) | |
| Frequency Stability over Temperature | ±50PPM Standard (See Option Table) | |
| Operation Mode / ESR | 3.5M ~ 5.0M Fund · 150Ω | |
| | 5.01M ~ 10.0M Fund · 85Ω | |
| | 10.01M ~ 26.0M Fund · 50Ω | |
| | 26.01M ~ 60.0M 3 rd OT · 80Ω | |
| Load Capacitance | 18pF Standard, Specify Custom Values | |
| Shunt Capacitance | 5.0pF Typical | |
| Aging per year | ±5.0PPM Max | |
| Drive Level | 100nW ~ 1000μW (Calibration @ 100μW) | |
| Packaging | Bulk | |
| OUTLINE DRAWING | | |
|  | | |
| PART NUMBER TABLE | | |
| Option Code | Specification | <p align="center">Part Number Generation</p> <p align="center">38TA · Option Code · Frequency · Load Capacitance ex: 38TA-12.800M (±50ppm(tolerance)/±30ppm(stability), -10°C-60°C, 18pF)</p> <p align="center">Please contact factory for custom specifications</p> |
| A | Stability ±20 PPM | |
| B | Stability ±30 PPM | |
| C | Operating Temp -30°C ~ +85°C | |
| D | Tolerance ±20 PPM @ 25°C | |
| E | Tolerance ±30 PPM @ 25°C | |