

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
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Expert team | Trust guarantee | 100% satisfaction

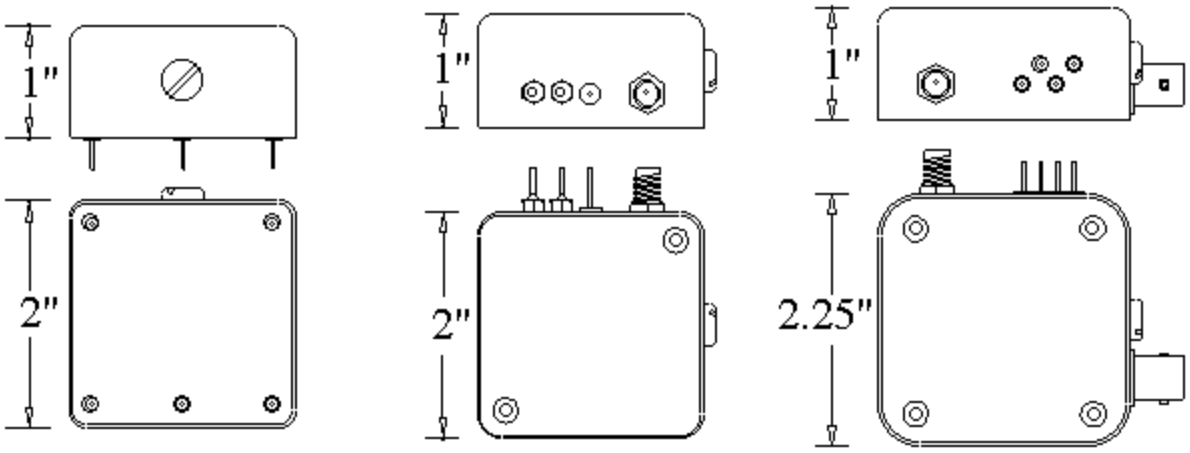
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Timekeeper Standard Models	
501-04485	Standard 5 MHz-AT
501-04486	Premium 5 MHz-AT
501-04487	Standard 5 MHz-SC
501-04488	Premium 5 MHz-SC
501-04489	Standard 10 MHz-AT
501-04490	Premium 10 MHz-AT
501-04491	Standard 10 MHz-SC
501-04492	Premium 10 MHz-SC

STREAMLINE OCXO - Low Cost and Low Profile

The Streamline series offers excellent performance in a low profile package. The new External Reference Select Streamline (2.25 x 2.25 x 1") automatically switches to an external reference, accepting both 5 and 10 MHz, when present, and providing 5 MHz out.



AT-cut Crystal

0 to +60C	-20 to +70C	Per Day After 30 days	5 MHz Phase Noise 10 Hz	100 Hz	1kHz	10 kHz	10 MHz Phase Noise 10 Hz	100 Hz	1kHz	10 kHz
2x10-8	4x10-8	1x10-9	-120	-145	-165	-165	-110	-135	-160	-160
1x10-8	2x10-8	5x10-10	-125	-150	-165	-165	-115	-140	-165	-165

SC-cut Crystal

0 to +60C	-20 to +70C	Per Day After 30 days	5 MHz Phase Noise 10 Hz	100 Hz	1kHz	10 kHz	10 MHz Phase Noise 10 Hz	100 Hz	1kHz	10 kHz
2x10-8	4x10-8	5x10-10	-125	-150	-165	-165	-120	-145	-165	-165

1x10-8	2x10-8	2x10-10	-130	-155	-165	-165	-125	-150	-165	-165
5x10-9	1x10-8	1x10-10	-135	-160	-165	-165	-130	-155	-165	-165
			-140	-160	-165	-165				

Output Level	**0 to +15 dBm Sine Wave into 50 ohms, CMOS, ECL, or TTL, please specify**
Supply Voltage	**+10 to +28 VDC 5%, please specify**
Warm-Up Power	**<5 Watts for 5 minutes**
Total Power	**<2.7 Watts at +25 C (+15 VDC)**
Dimensions	**2 x 2 x 1" is standard but many packages are available**
Connectors	**SMA with feedthru capacitors or solder pins are standard, other options available**
Special Options	**Dual or Triple Outputs, Signal Kill, and Oven Monitor**

Streamline Standard Models	
501-04506	Standard 5 MHz-AT PCB Mount
501-04507	Premium 5 MHz-AT PCB Mount
501-04508	Standard 5 MHz-SC PCB Mount
501-04509	Premium 5 MHz-SC PCB Mount
501-04510	Standard 10 MHz-AT PCB Mount
501-04511	Premium 10 MHz-AT PCB Mount
501-04512	Standard 10 MHz-SC PCB Mount
501-04513	Premium 10 MHz-SC PCB Mount
501-04602	Standard 5 MHz-AT w/ SMA
501-04603	Premium 5 MHz-AT w/ SMA
501-04604	Standard 5 MHz-SC w/ SMA
501-04605	Premium 5 MHz-SC w/ SMA
501-04606	Standard 10 MHz-AT w/ SMA
501-04607	Premium 10 MHz-AT w/ SMA
501-04608	Standard 10 MHz-SC w/ SMA
501-04609	Premium 10 MHz-SC w/ SMA
501-08772	Standard 10 MHz-SC +12VDC
501-09451	Premium 10 MHz-SC +12VDC

2 x 2 x 0.6" STREAMLINE

The Streamline is available in a 0.6 inch, reduced height package with reduced specifications:

AT-cut Crystal

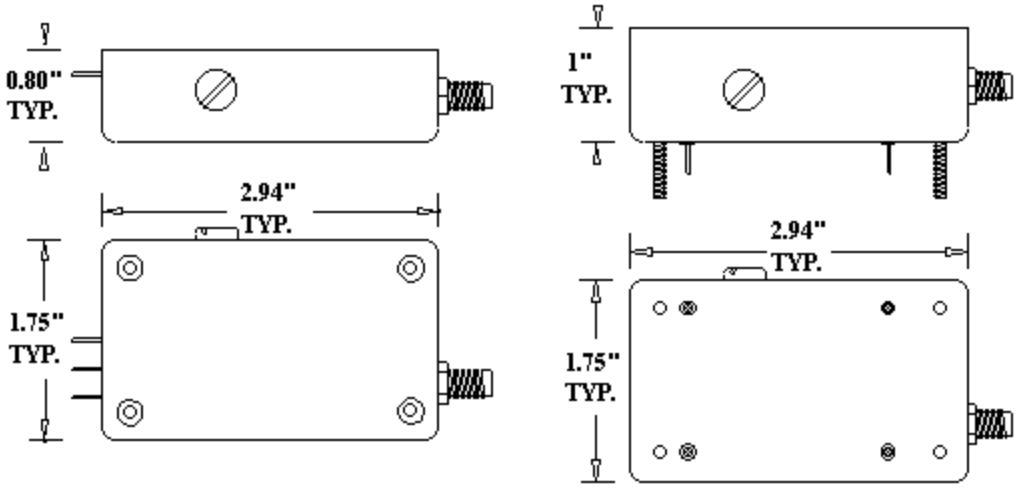
0 to +60C	-20 to +70C	Per Day After 30 days	5 MHz Phase Noise 10 Hz	100 Hz	1kHz	10 kHz	10 MHz Phase Noise 10 Hz	100 Hz	1kHz	10 kHz
2x10-7	5x10-7	1x10-9	-120	-145	-165	-165	-110	-135	-160	-160
			-125	-150	-165	-165	-115	-140	-165	-165

SC-cut Crystal

0 to +60C	-20 to +70C	Per Day After 30 days	5 MHz Phase Noise 10 Hz	100 Hz	1kHz	10 kHz	10 MHz Phase Noise 10 Hz	100 Hz	1kHz	10 kHz
5x10-8	1x10-7	5x10-10	-125	-150	-165	-165	-120	-145	-165	-165
			-130	-155	-165	-165	-125	-150	-165	-165

ULTRA LOW NOISE and ULTRA LOW NOISE PLUS

The Ultra-Low Noise oscillators provide the lowest phase noise floor available at frequencies from 4 to 500 MHz. Packaged in small 1.75 x 2.94 x 1" cans, the "ULN" series is available for PCB and panel mounting. Measurements at NIST in Boulder, Colorado confirm phase noise performance to -180 dBc at 20 kHz for selected 5 and 100 MHz oscillators. Ultra-Low Noise Plus oscillators include multipliers extending the frequency range to 500 MHz. Phase noise is degraded typically 2 dB more than the theoretical 20 log N, where N is the multiplication factor.



SC-cut Crystal - Low Frequency

0 to +60C	-20 to +70C	Per Day After 30 days	5 MHz Phase Noise 1 Hz	10 Hz	100Hz	1 kHz	10 MHz Phase Noise 1 Hz	10 Hz	100Hz	1 kHz
1x10-8	2x10-8	5x10-10	-110	-140	-165	-176	-100	-130	-155	-170
5x10-9	1x10-8		-115	-145	-165	-176	-105	-135	-160	-176

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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