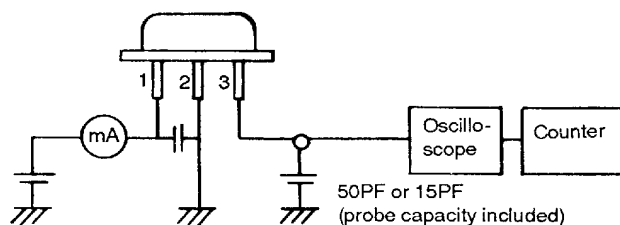


ECS-JXO-5 and ECS-JXO-7

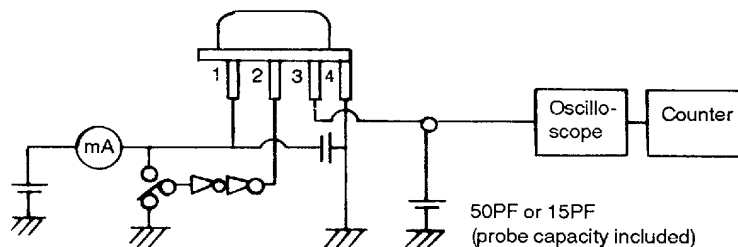
T-50-23

- The ECS-JXO-5 and ECS-JXO-7 series are micro oscillators with 9 built-in CMOS IC enclosed in a metal case.
- In addition to the standard specification models, models with a tristate function, models with a standoff insulator, and surface mount models are also available.

ECS-JXO-5 & 7



ECS-JXO-5T & 7T



Features of ECS-JXO-5 and ECS-JXO-7 Series

- A micro oscillator with a built-in CMOS IC.
- Models with a tristate function are available.
- A standoff insulator can be mounted.
- The J lead surface mount type is available.

Specifications

Specifications/Model	ECS-JXO-5	ECS-JXO-7
Frequency range	1.8-20 MHz	20.1 - 50 MHz
Frequency deviation	± 100 PPM	± 100 PPM
Operating temperature range	-10 - 70°C	-10 - 70°C
Storage temperature range	-20 - 80°C	-20 - 80°C
Supply Voltage	5 ± 0.5 V	5 ± 0.25 V
Load	50PF LS-TTL 10	15PF LS-TTL2
Rise/fall time	15ns MAX	10ns MAX
Duty ratio	40-60%	40-60%
Start-up time	1.5ms	6ms
Current dissipation	20mA MAX	25ms MAX

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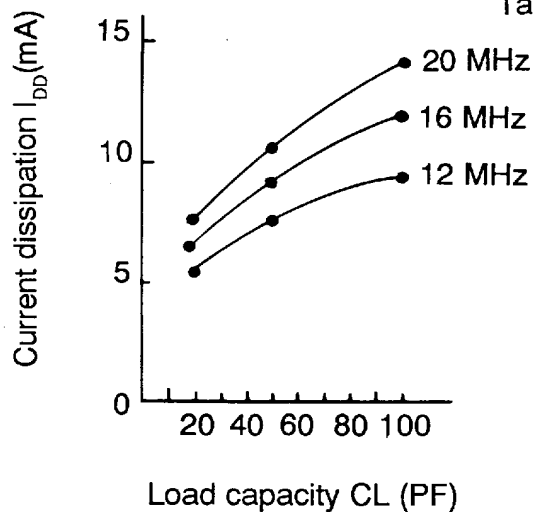
230 N. Monroe
P.O. Box 273
Olathe, Kansas 66061

800-237-1041
913-782-7787
FAX: 913-782-6991

ECS-JXO-5 and ECS-JXO-7

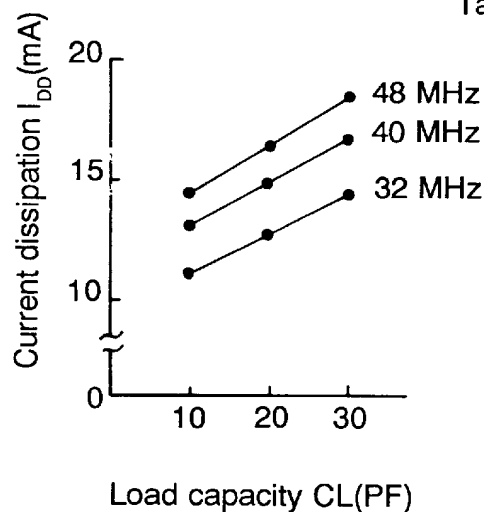
ECS-JXO-5

Current Dissipation vs. Load Capacity

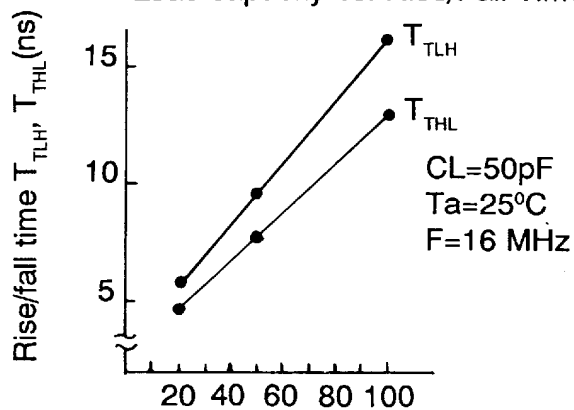
 $V_{DD}=5V$
 $T_a=25^\circ C$


ECS-JXO-7

Current Dissipation vs. Load Capacity

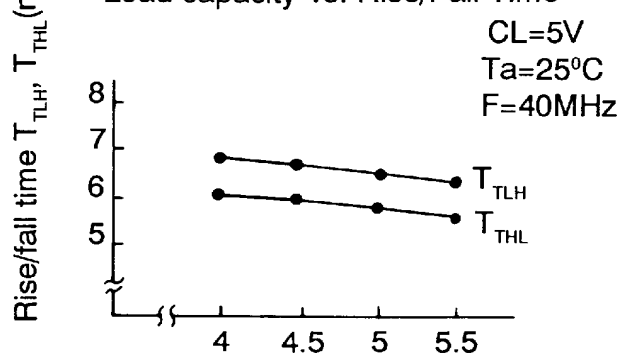
 $V_{DD}=5V$
 $T_a=25^\circ C$


Load capacity vs. Rise/Fall Time



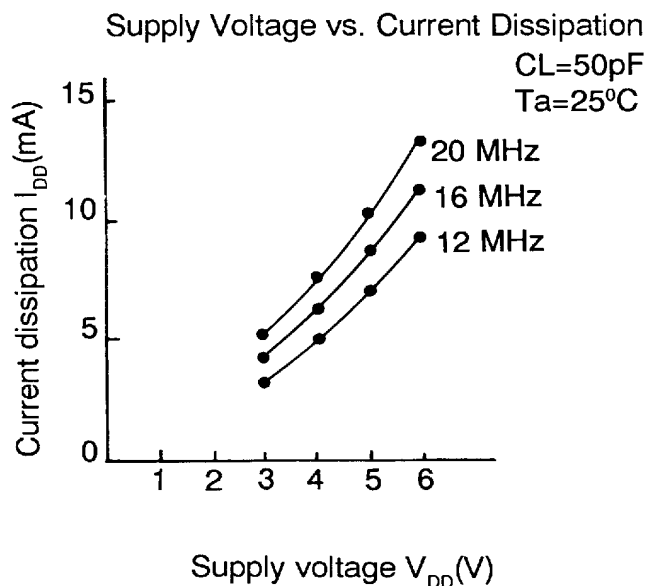
Load capacity CL (PF)

Load capacity vs. Rise/Fall Time

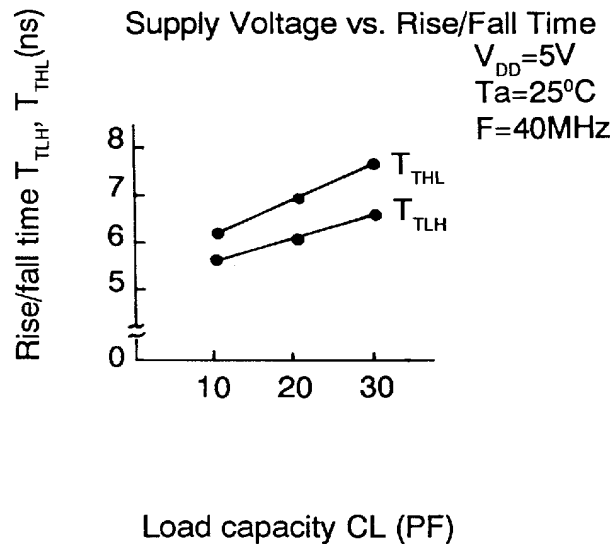
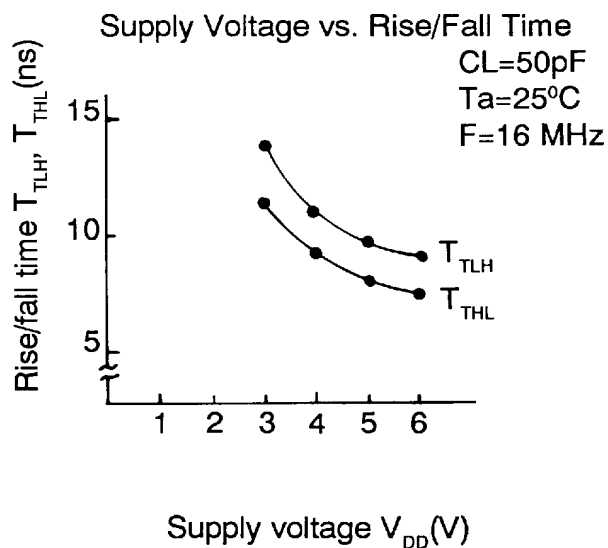
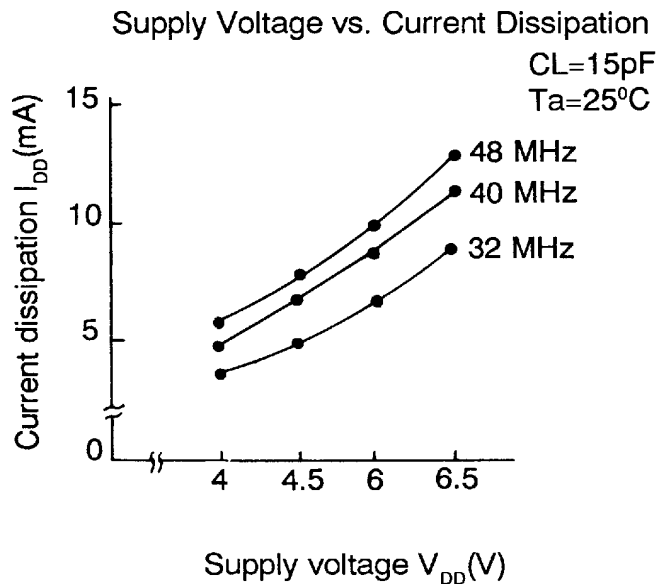
Supply voltage V_{DD} (V)
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FAX: 913-782-6991

ECS-JXO-5 and ECS-JXO-7

ECS-JXO-5



ECS-JXO-7



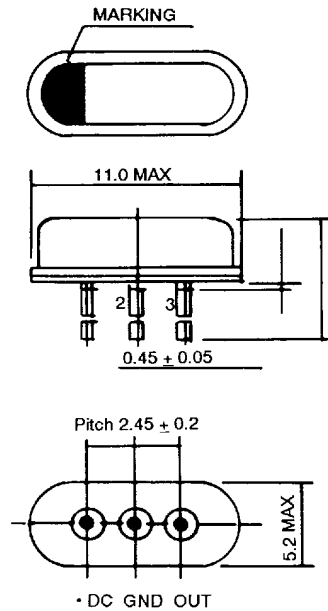
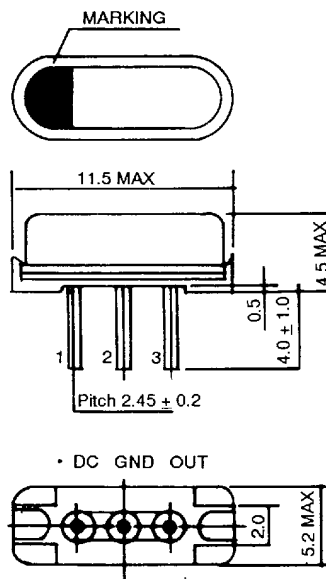
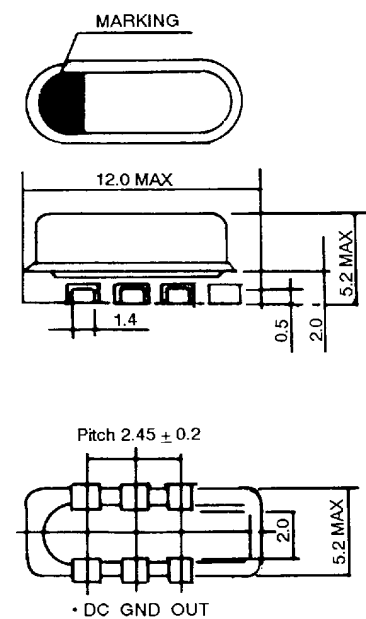
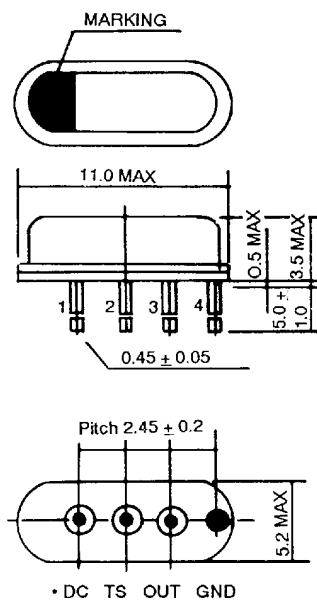
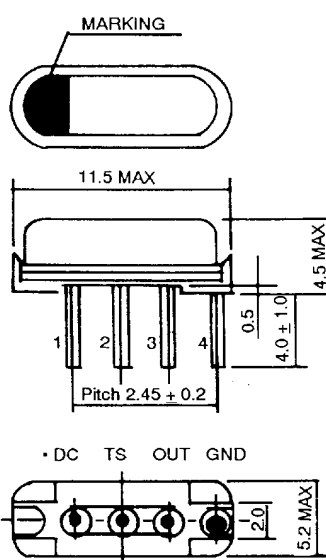
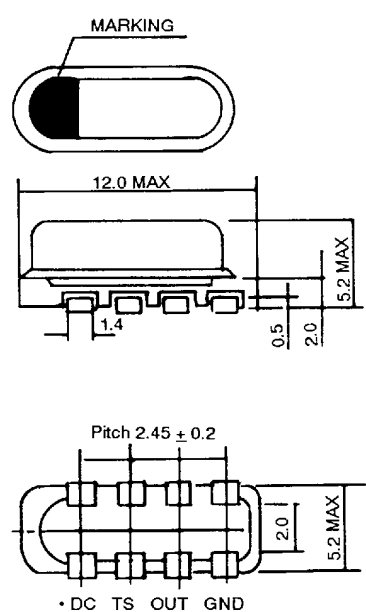
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ECS-JXO-5 and ECS-JXO-7

T-50-23

ECS-JXO-5
ECS-JXO-7
(Standard)ECS-JXO-5S
ECS-JXO-7S
(With standoff insulator)ECS-JXO-5F
ECS-JXO-7F
(J lead surface mount)ECS-JXO-5T
ECS-JXO-7T
(Standard)ECS-JXO-5TS
ECS-JXO-7TS
(With standoff insulator)ECS-JXO-5TF
ECS-JXO-7TF
(J lead surface mount)

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