

ECS Part Number	Frequency
ECS-071.505-CDX-0370	* 7.1505
ECS-098.438-CDX-0371	* 9.8438
ECS-130.625-CDX-0373	* 13.0625
ECS-135.600-CDX-0374	* 13.56
ECS-203.563-CDX-0375	20.3563
ECS-226.278-CDX-0376	22.6278
ECS-232.643-CDX-0377	23.2643
ECS-235.122-CDX-0378	23.5122
ECS-252.235-CDX-0379	25.2235
ECS-254.563-CDX-0380	25.4563
ECS-264.513-CDX-0381	26.4513
ECS-265.971-CDX-0382	26.5971
ECS-271.344-CDX-0383	* 27.1344
ECS-274.688-CDX-0384	27.4688
ECS-282.594-CDX-0385	28.2594
ECS-285.938-CDX-0386	* 28.5938



Electrical Characteristics

Parameters	Value
Frequency Tolerance @ +25°C	± 20 PPM Max.
Temperature Stability (-10° to +70°C)	± 30 PPM Max.
Equivalent Series Resistance (7 to 12.999 MHz)	40 Ohms Max.
Equivalent Series Resistance (13 to 30 MHz)	30 Ohms Max.
Load Capacitance	12 pF
Shunt Capacitance	7 pF Max.
Drive Level	500 µW Max.
Aging (First Year @ +25°C)	± 5 PPM Max.
* Spurious response (fo to Fo +200 KHz)	-20 dB Min.
Operating Temperature	-10 to +70 °C
Storage Temperature	-30 to +85 °C

Spur spec applies only to those frequencies with an *

SIGNATURES	DATE
DRN DK	10/21/2005
CHK BL	10/21/2005
APP BS	10/21/2005
Dimensions in mm	

REVISIONS

REV	DESCRIPTION	DATE	APPROVED

Package Dimensions (mm)

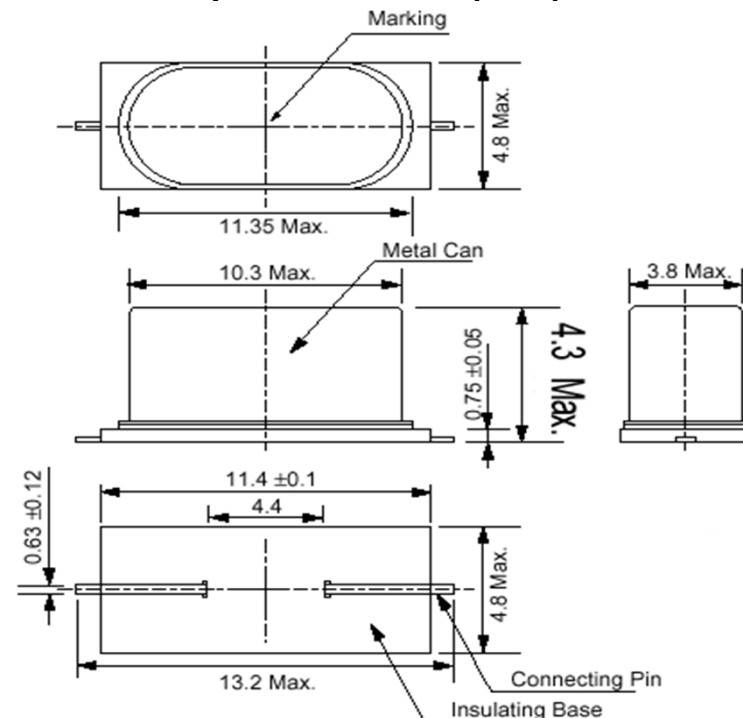


Figure 1) Top, Side, Bottom and End views

ECS INC. INTERNATIONAL
1105 S. Ridgeview
Olathe, KS 66062
(913) 782-7787 www.ecsxtal.com

TITLE CSM-7 SMD Crystal for TX/RX Chipset, RoHS Compliant		
SIZE A	DWG NO ECS-CDX-0370-386	REV -
CAGE CODE: 1G8B7		SHEET 1 OF 1