

Marketing Bulletin

DATE: Friday, January 01, 1999
TO: Affected Customers
FROM: Marketing
RE: EC38 Series Termination

To all concerned parties,

This bulletin is to notify all customers of the discontinuation of the EC38 series Ecliptek crystal effective Friday, January 01, 1999.

In compliance with our End of Life (EOL) policy, this notice will serve as advanced notice of product termination. New orders will not be accepted after Friday, January 01, 1999, with delivery to be conclude by Friday, January 01, 1999.

If there are any questions pertaining to this bulletin, please contact your Ecliptek sales representative. Thank you again for your cooperation.

Ecliptek Marketing

STANDARD SPECIFICATIONS

Frequency Range:	3.579545MHz to 70.000MHz
Frequency Tolerance/Stability: Blank C	±50ppm at 25°C, ±100ppm over 0°C to +70°C ±30ppm at 25°C, ±50ppm over 0°C to +70°C
Shunt Capacitance (Co)	7pF Maximum
Load Capacitance (CL) Blank XX S	18pF Standard CL ≥ 12pF Series
Mode of Operation Blank T	Fundamental from 3.579545MHz to 30.000MHz Third Overtone from 30.000MHz to 70.000MHz
Storage Temperature	-40°C to +85°C
Drive Level	1 mWatt Maximum
Aging @ 25°C	±5ppm/year Maximum
Insulation Resistance	500 Megaohms Minimum at 100Vdc

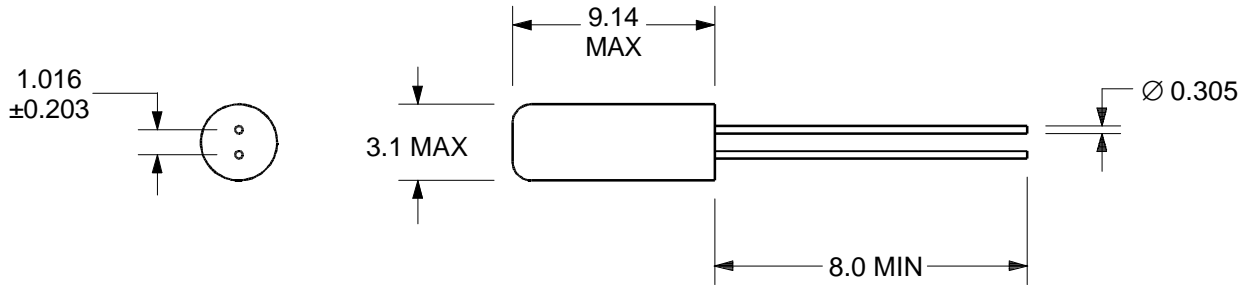
ENVIRONMENTAL & MECHANICAL

Shock:	Conditions and Criteria Listed in TQC41-883-007
Vibration:	Conditions and Criteria Listed in TQC41-883-008
Seal Integrity:	Conditions and Criteria Listed in TQC41-883-003
Solderability:	Conditions and Criteria Listed in TQC41-883-004 / 95% coverage
Marking Permanency:	Conditions and Criteria Listed in TQC41-883-001

FREQUENCY VS. EQUIVALENT SERIES RESISTANCE (ESR Ohms Maximum)

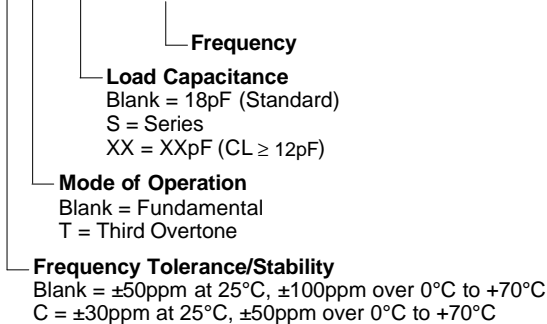
Frequency Range	ESR	Frequency Range	ESR	Frequency Range	ESR
3.579 - 4.999	200	8.000 - 8.999	90	15.000 - 15.999	60
5.000 - 5.999	150	9.000 - 9.999	80	16.000 - 30.000	50
6.000 - 7.999	120	10.000 - 14.999	70	30.000 - 70.000 (3rd)	80

ALL DIMENSIONS
IN MILLIMETERS



PART NUMBERING GUIDE

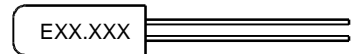
EC38 C T - 20 - 30.000M



MARKING GUIDE

EXX.XXX

Frequency in MHz



Note: Marking shall conform to conditions listed in TQC41-001-000.

SPECIFICATION CONTROL DRAWING

		Drawing Number CCR23-003-000	
Title Resistance Welded 3mm x 8mm Cylindrical Crystal			
Revision A		Effectivity Date	
ECN Number 1710		PAGE 1 OF 1	
Approved By	Date	Released By	Date