



REVISIONS			
LTR		DATE	APPROVED
A	INITIAL RELEASE	5/5/03	

SPECIFICATIONS:

NOMINAL FREQUENCY:	20.000 MHz
MODE OF OSCILLATION:	FUNDAMENTAL
FREQUENCY TOLERANCE AT 25°C:	±30 PPM MAX
FREQUENCY STABILITY OVER	
TEMPERATURE RANGE:	±50 PPM MAX
OPERATING TEMPERATURE RANGE:	-20°C TO +70°C
STORAGE TEMPERATURE RANGE:	-55°C TO +125°C
AGING:	±5 PPM PER YEAR MAX
LOAD CAPACITANCE:	20 pF
DRIVE LEVEL:	100 μW TYP, 1000 μW MAX
SHUNT CAPACITANCE:	7 pF MAX
EQUIVALENT SERIES RESISTANCE:	20 OHMS MAX
HOLDER TYPE:	HC-49/U AS SHOWN

<p>RALTRON 10651 NW 19TH STREET MIAMI, FL 33172</p> <p>ALL DIMENSIONS ARE IN mm/inch UNLESS OTHERWISE SPECIFIED</p> <p>DRAWN BY: Part Generator</p> <p>CHECKED BY:</p> <p>APPROVED BY:</p> <p>SCALE: SHEET 1 OF DATE:</p>	DRAWING TITLE:	
	<p>MICROPROCESSOR CRYSTAL UNIT</p>	
	DRAWING NUMBER:	
	<p>A-20.000-20</p>	

CAGE CODE: