

Crystal Oscillator, 100MHz, Dip 14 Style, HCMOS Package RXO-100M-HCMOS-5V-k

code-k

General Specifications	
Output Logic	HCMOS / TTL Output
Input Voltage VDD	5.0VDC \pm 10%
Frequency Range	100.000MHz
Overall Frequency Stability (a+b+c+d)	\pm 50PPM
(a) Frequency Tolerance	Inclusive of Overall Stability
(b) Temperature Stability	Inclusive of Overall Stability (-10 to 60 °C)
(c) Input Voltage Stability	Inclusive of Overall Stability (Vcc \pm 10%)
(d) Load Stability	Inclusive of Overall Stability (RL \pm 5%)
Aging (@25 °C)	\pm 5PPM / Year (Maximum)
Operating Temperature Range	-10 to 70°C
Storage Temperature Range	-55 to 125 °C
Output Voltage High "1", V _{OH}	90%VDC Minimum
Output Voltage High "0", V _{OL}	10%VDC Maximum
Input Current	45mA Maximum
Rise Time(Tr) & Fall Time(Tf)	6 ns Max (10% to 90%)
Duty Cycle	50% \pm 10% (Standard), 50% \pm 5%(Option)
Start-Up Time	10ms Maximum
PIN 1 TRI-STATE	Option
Marking / Taping	Customer Spec.

Part Number Information
RXO G 5 00 E T TS - 100.000MHz

1	2	3	4	5	6	7	8
1)	2)	3)	4)	5)	6)	7)	8)

1) Metal XO full Size
 2) Standard (G : G/W)
 3) VDD : 3.3V (5 : 5.0V)
 4) Frequency Tolerance & Stability - Maximum
 (00: \pm 100PPM, 45: \pm 50PPM, 25: \pm 25PPM, 20: \pm 20PPM)
 5) Operating Temperature Range
 (0~70 °C (standard), E : -40~85 °C)
 6) Duty Cycle (Blank : 50 \pm 10%, T : 50 \pm 5%)
 7) Pin1 Connection : Blank=No Connection(standard)
 (TS : Tri-state enable high)
 8) Frequency : M(MHz)

No. Pin Terminal
 1 : Tri-State
 7 : Ground
 8 : Output
 14 : VDD