



# General Electronic Devices

Makers of active and passive components  
 Quartz Crystal \* Oscillators \* Synthesizer \* Filters  
 Micro-Hybrid Assembly Services

## SMD914C.3A(E/D)-24.000MHz

THIS DEVICE IS RoHS COMPLIANT

ELECTRICAL SPECIFICATIONS	
Type	9x14 mm "J lead" SMD Oscillator
Frequency	24.000MHz
Frequency Tolerance	$\pm 10\text{ppm}@25^{\circ}\text{C}$
Frequency Stability	$\pm 100\text{ppm}$ All Inclusive
Operating Temperature	0 to $+70^{\circ}\text{degC}$
Storage Temperature	$-55 - +125^{\circ}\text{C}$
Input Voltage	$3.3\text{V} \pm 10\%$ VDC
Input Current	15 mA (Max)
CMOS OUTPUT: "0" Level "1" Level	10%VDD (MAX) 90% VDD (MIN)
Symmetry	40% to 60% (at 50% VDD)
Rise and Fall Time	200 nS (MAX)
Tri-State Output (EN/MC)	EN
Output Load	15pF
Start-Up Time	5 ms (typical)
Aging Rate	+ 3ppm/Year MAX

