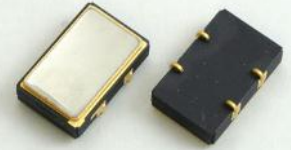


HIGH FREQUENCY CERAMIC SMD OSCILLATOR (14.0x9.8x4.7mm)

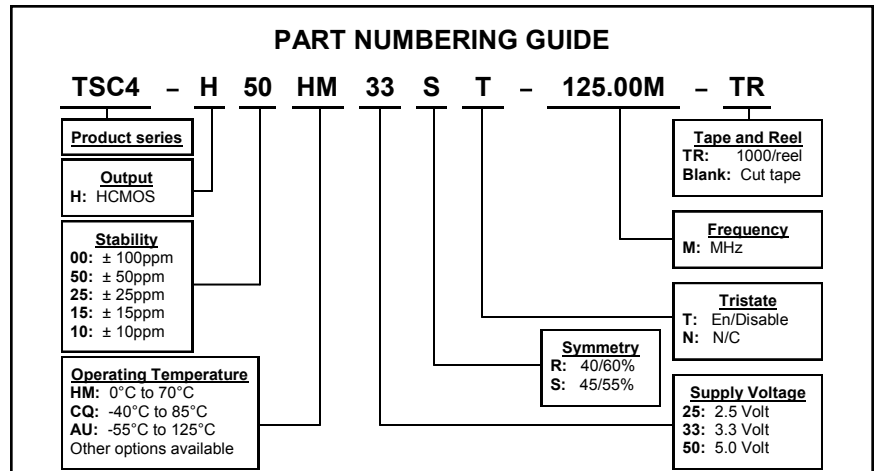
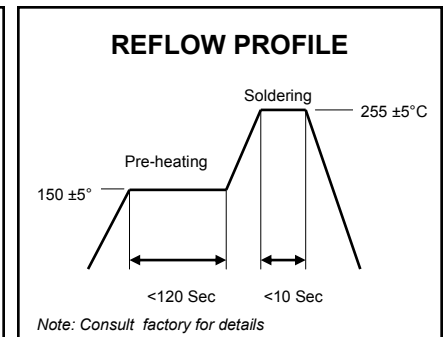
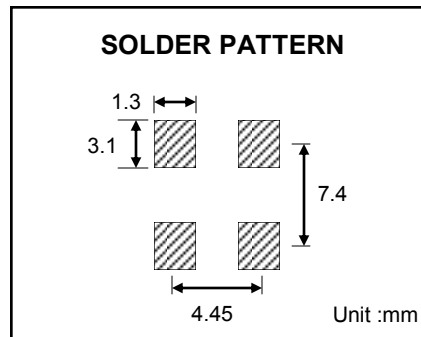
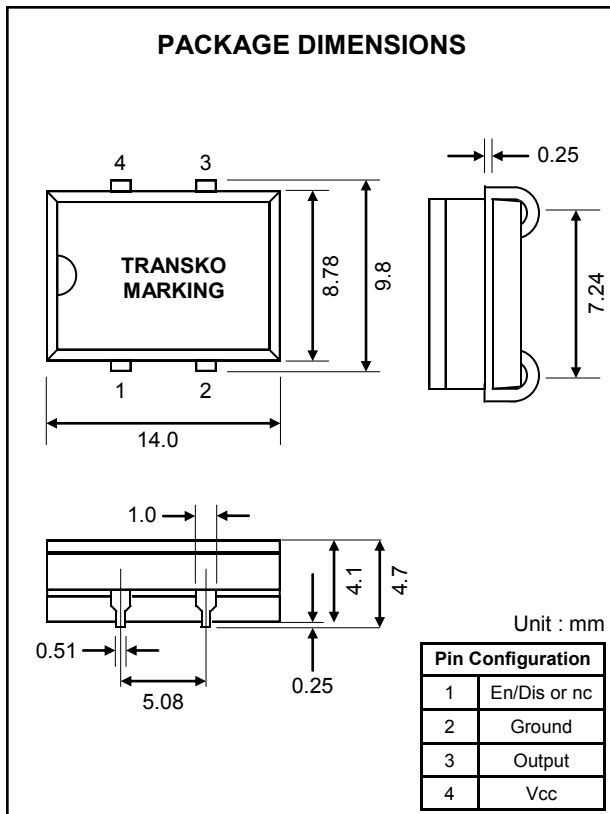
FEATURES

- HIGH FREQUENCY CMOS OSCILLATOR
- LOW VOLTAGE / LOW CURRENT
- REFLOW CAPABLE

RoHS
Compliant



MODEL	TSC4	
VOLTAGE	2.4V ~ 3.3V	5.0V
FREQUENCY RANGE	1.000 MHz ~ 167.000 MHz	1.000 MHz ~ 125.000 MHz
TEMPERATURE STABILITY	±25 ppm ~ ±100 ppm	
OPERATING TEMPERATURE	STANDARD: 0°C ~ 70°C, OPTION: -40°C ~ 85°C	
STORAGE TEMPERATURE	-55°C to 125°C	
INPUT VOLTAGE	3.3 Vdc ±10%	5.0 Vdc ±10%
INPUT CURRENT	65 mA max.	65 mA Max.
OUTPUT '0' LEVEL (Vol)	10% Vcc min.	
OUTPUT '1' LEVEL (Voh)	90% Vcc max.	
SYMMETRY	STANDARD: 40/60%, OPTION: 45/55%	
RISE & FALL TIME	6 nS typical, 10nS max.	
START UP TIME	10 mS Max.	
OUTPUT LOAD	30 pF or 10TTL	50 pF or 10TTL
JITTER (12KHz ~ 20MHz offset)	0.5pS typical, 3.0pS max.	0.5pS typical, 1.0pS max.
AGING	±5 ppm / year Max.	



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