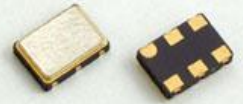


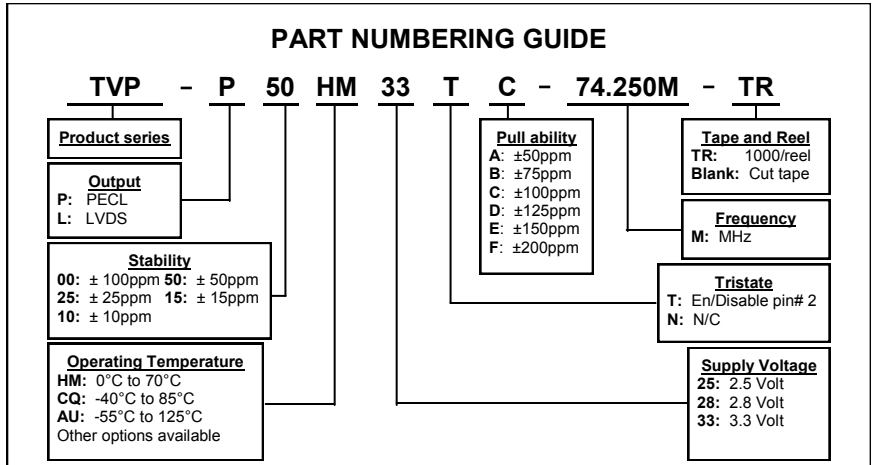
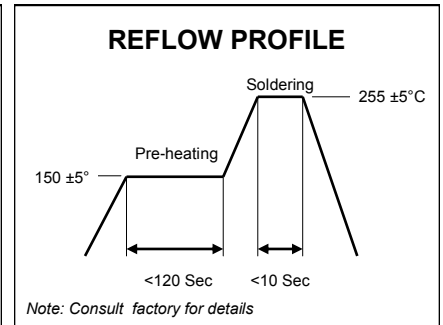
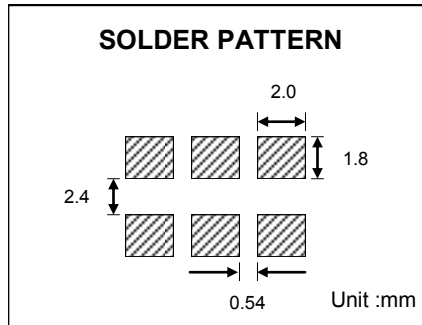
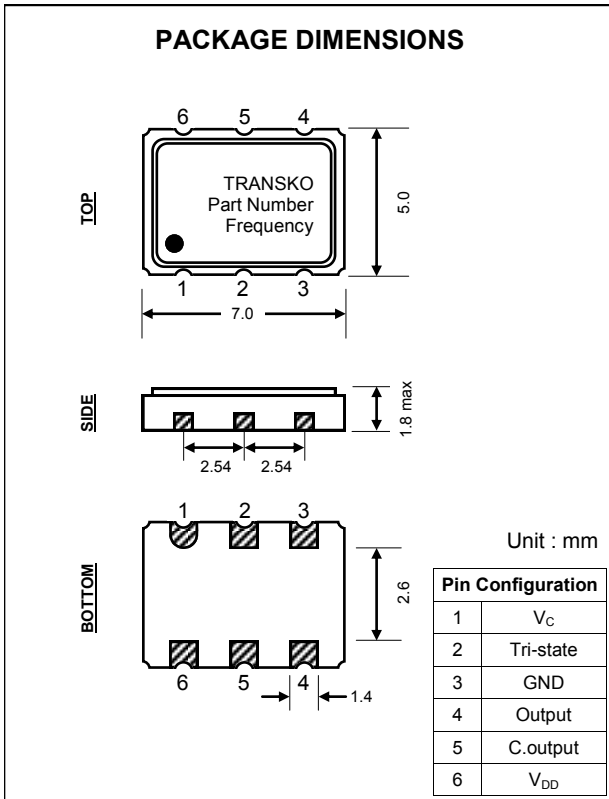
MINIATURE CERAMIC SMD VCXO (7.0 x 5.0 x 1.8mm)

FEATURES

- HIGH FREQUENCY VCXO
- LVPECL / LVDS OUTPUT VCXO
- LOW NOISE / LOW CURRENT



SUPPLY VOLTAGE	2.5V	2.8V	3.3V
FREQUENCY RANGE	65.000MHz ~ 320.000MHz		1.500MHz ~ 800.000MHz
STANDARD FREQUENCY	19.44, 44.736, 74.250, 74.1758, 76.800, 77.76, 106.25, 122.88, 155.52, 156.25, 153.60, 161.1328, 200.00, 312.50, 800.00		
FREQUENCY STABILITY*	± 10ppm ~ ± 100ppm		
OPERATING TEMPERATURE RANGE	Standard: 0°C to 70°C, Option: -40°C to 85°C		
FREQUENCY DEVIATION	± 50ppm min. Option: ± 70ppm min., ± 100ppm min.		
CONTROL VOLTAGE RANGE	1.25V ± 1.25V	1.40V ± 1.40V	1.65V ± 1.35V
SUPPLY CURRENT			
1.000MHz ~ 65.000MHz	LVPECL: 75mA max. / LVDS: 45mA max		
65.000MHz ~ 320.000MHz	LVPECL: 100mA max. / LVDS: 80mA max		
OUTPUT LOGIC '1' LEVEL (Voh)	LVPECL: V _{DD} - 1.02V LVDS: 1.4V Typ., 1.6V max.	LVPECL: V _{DD} - 1.02V LVDS: 1.4V Typ., 1.6V max.	LVPECL: V _{DD} - 1.02V LVDS: 1.4V Typ., 1.6V max.
OUTPUT LOGIC '0' LEVEL (Vol)	LVPECL: V _{DD} - 1.63V LVDS: 1.1V Typ., 0.9V min.	LVPECL: V _{DD} - 1.63V LVDS: 1.1V Typ., 0.9V min.	LVPECL: V _{DD} - 1.63V LVDS: 1.1V Typ., 0.9V min.
RISE AND FALL TIME	1.0nS max.		
TRISTATE	2.0V min.	2.0V min.	2.275V min.
LINEARITY	10% max.		
MODULATION BANDWIDTH	25.0KHz min.		
INPUT IMPEDANCE	50KΩ		
PHASE JITTER	0.3pS ~ 3.0pS max. Typical ~0.5pS (Offset 12KHz ~ 20MHz)		



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