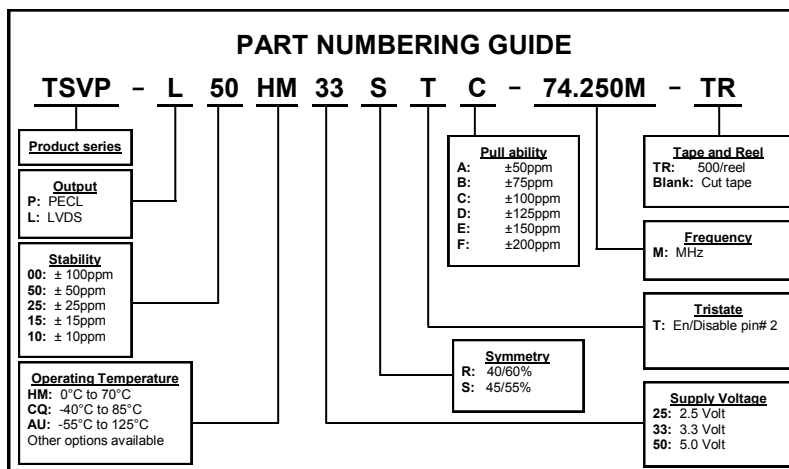
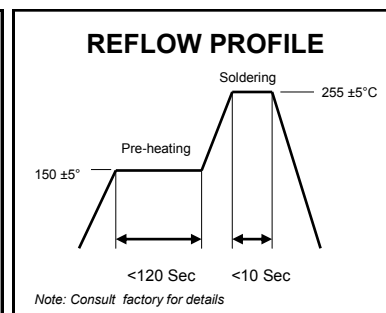
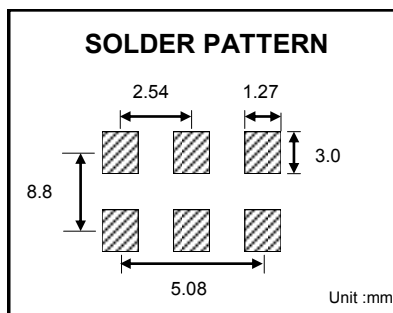
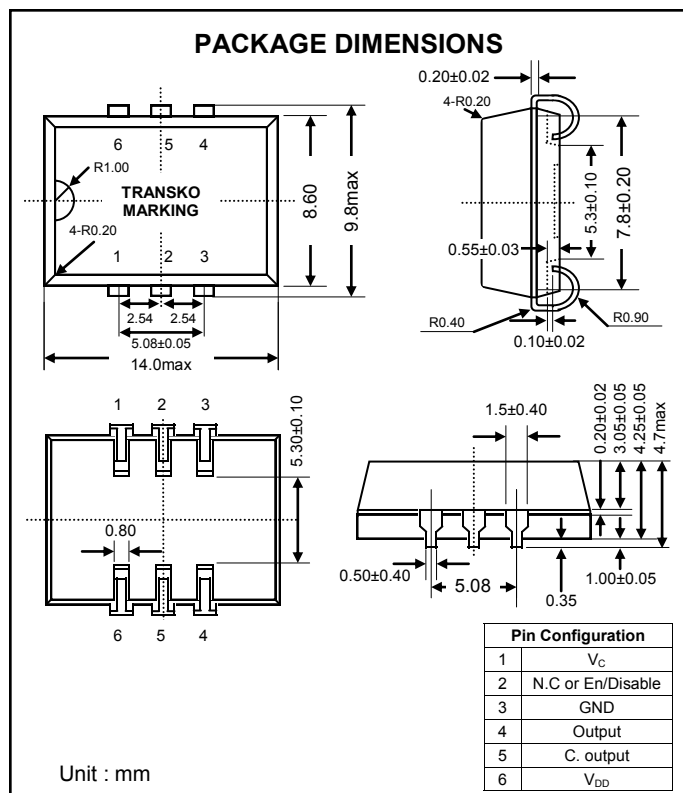


LVPECL / LVDS PLASTIC SMD VCXO (14.0 x 9.8 x 4.7mm)
FEATURES

- HIGH FREQUENCY PLASTIC SMD VCXO
- LVDS / LVPECL OUTPUT
- LOW NOISE / LOW VOLTAGE

OUTPUT	LVPECL	LVDS
FREQUENCY RANGE	1.000 MHz ~ 800.000 MHz	
TEMPERATURE STABILITY	± 15 ppm ~ ± 100 ppm	
OPERATING TEMPERATURE	0°C ~ 70°C to -40°C ~ 85°C	
STORAGE TEMPERATURE	-55°C to 125°C	
INPUT VOLTAGE	3.3 V _{DC} $\pm 5\%$	
INPUT CURRENT	Up to 160MHz: 95mA Max 160~800MHz: 120mA Max	Up to 160MHz: 50mA Max 160~800MHz: 80mA Max
OUTPUT '1' LEVEL (Voh)	V _{DD} - 1.02V	1.4V Typical, 1.6V max
OUTPUT '0' LEVEL (Vol)	V _{DD} - 1.63V	1.1V Typical, 0.9V min.
SYMMETRY	45/55% V _{DD} -1.3V _{DC}	45/55% 1.25V _{DC}
RISE & FALL TIME	0.6 nS max.	
OUTPUT LOAD	50Ω to V _{DD} -2V _{DC}	50 Ω differential load
PHASE JITTER	1.5pS typical, 3.0pS RMS Max 12KHz ~ 20MHz offset	
PULLABILITY	± 50 ppm, ± 100 ppm, ± 150 ppm min.	
CONTROL VOLTAGE	0.3V ~ 3.0V (1.65V Center)	
LINEARITY	10% Max	
TRISTATE OUTPUT	ON: 2.8V Min OFF: 0.6VMax	



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