

## TR3 - 005 SQUAREWAVE 10 MHz TCXO



**5 Stability Options**  
**HCMOS/TTL Output**  
**Standard 14/4 PIN DIL**  
**Hermetically Sealed**  
**Low Aging**  
**Low Phase Noise**

<b>MODEL:</b>	<b>TR3-005</b>
Frequency:	10 MHz
Supply Voltage:	+5.0 Vdc
Input Current:	10 mA maximum
Output:	HCMOS 50 pF Load or 5 TTL loads
Tr & Tf:	<6 ns
Calibration at 2.5 Vdc & +25°C:	±1.0 ppm within 30 days
Aging:	<1.0 ppm/1st year <5.0 ppm/10 years <sup>1</sup>
Phase Noise:	-125 dBc at 100 Hz -145 dBc at >5 KHz
1) Projected aging based on continuous operation at an average of 40°C	
<b>CUSTOM OPTIONS:</b>	
	Mechanical trimmer via access port ±5.0 PPM Voltage Tune +3.0 Vdc 10 to 22 MHz
<b>PACKAGE:</b>	13.2 x 20.8 x 10 mm 14/4 DIL
<b>SOLDER HEAT:</b>	IEC68-2-20A 260 ±15°C for 10 ±1 sec

### P/N OPTIONS

<b>TR3-005-A</b>	±1.0 PPM	0 to +50°C
<b>TR3-005-B</b>	±1.0 PPM	0 to +70°C
<b>TR3-005-C</b>	±1.5 PPM	-20 to +70°C
<b>TR3-005-D</b>	±2.0 PPM	-30 to +75°C
<b>TR3-005-E</b>	±4.0 PPM	-40 to +85°C

### BOTTOM VIEW

