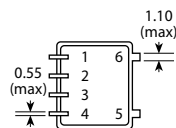
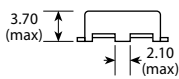
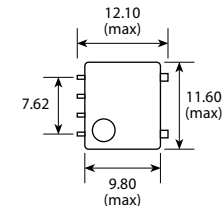
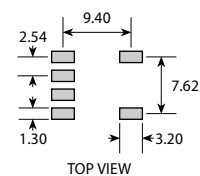


PHOTO NOT AVAILABLE



PAD	CONNECTION
1	Supply
2	Not connected or Freq adjustment
3	Ground
4	Output
5/6	Ground

SOLDER PAD LAYOUT



Scale 1:1

Features

- ▶ HCMOS / TTL compatible output
- ▶ Up to 45.0MHz
- ▶ Excellent frequency stability
- ▶ Wide temperature range

Standard Frequencies

Frequencies in MHz	
9.600	14.400
10.000	15.360
12.800	19.200
13.000	20.000

Other frequencies available. Please consult our sales office.

Temperature Stability

The table shows option codes for the available combinations of temperature stability (in ppm) and range

	±5.0	±3.0	±2.5	±2.0	±1.5	±1.0
-40 to +85°C	LI	-	-	-	-	-
-30 to +75°C	LS	KS	JS	-	-	-
-20 to +70°C	LN	KN	JN	HN	-	-
-10 to +60°C	LC	KC	JC	HC	GC	-
0 to +50°C	LR	KR	JR	HR	GR	FR

Specifications

GTXO-558T: Internal trimmer

GTXO-558V: Voltage adjustment + internal trimmer

Parameters	Variant		Option Codes
	T	V	
Package style: GTXO-558T GTXO-558V	■	■	
Frequency range: 1.50 ~ 45.0MHz	■	■	
Frequency stability: ±5.0ppm ±3.0ppm ±2.5ppm ±2.0ppm ±1.5ppm ±1.0ppm	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	L K J H G F
Temperature range: 0 to +50°C -10 to +60°C -20 to +70°C -30 to +75°C -40 to +85°C	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	R C N S I
Storage temperature range: -40 to +85°C	■	■	
Frequency vs supply voltage: ±0.5ppm (V _{DD} ±5%)	■	■	
Ageing: ±1.0ppm max first year	■	■	
Supply voltage (V_{DD}): +3.0V (±5%)	■	■	
Supply current: 30mA max	■	■	
Driving ability: 30pF HCMOS / 5 LSTTL	■	■	
Logic levels: '0' level = 0.4V max '1' level = 90%V _{DD} min	■	■	
Frequency adjustment: ±3ppm min by internal trimmer ±3 ~ ±8ppm, +1.5 ±1V	■	■	

■ Standard. □ Optional - Please specify required code(s) when ordering

Ordering Information

Product name + variant + option codes + frequency

eg: **GTXO-558V/JS 10.0MHz** ±2.5ppm -30+75°C (standard)

GTXO-558V/HN 10.0MHz ±2.0ppm -20+70°C

Option code X (eg GTXO-558V/X) denotes a custom spec.

Expected Q3 2000. Please confirm availability before designing or ordering.