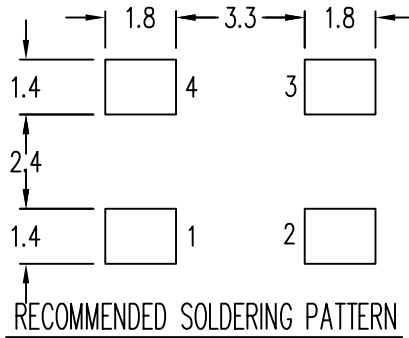
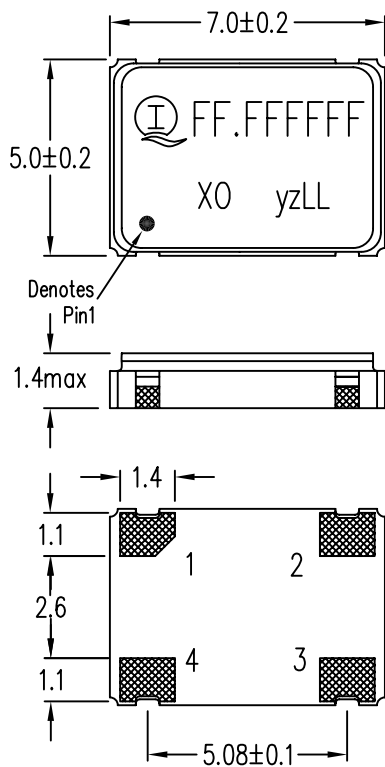


EXTERNAL DIMENSIONS

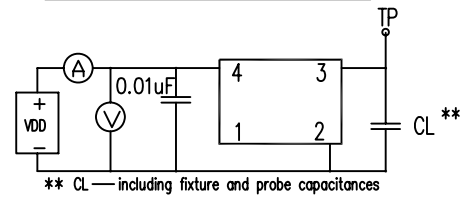


PIN CONNECTION

P/N	1491
1	Enable/Disable*
2	GND
3	Output
4	VDD

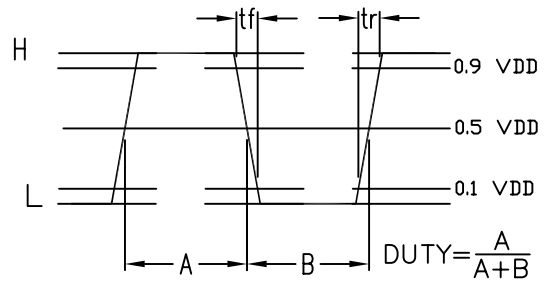
* Enable/Disable functional description
When pin1 goes high ($\geq 0.7V_{DD}$) or open, the Oscillator in normal operation and has output in frequency. When pin1 goes low ($\leq 0.3V_{DD}$), the oscillator stops and the oscillator output (Pin3) becomes high impedance.

CMOS TEST CIRCUIT

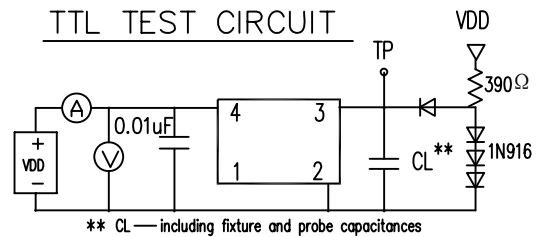


** CL — including fixture and probe capacitances

TYPICAL CMOS WAVE FORM

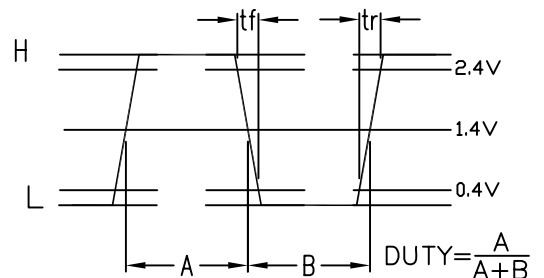


TTL TEST CIRCUIT



** CL — including fixture and probe capacitances

TYPICAL TTL WAVE FORM



MARKING SPECIFICATIONS

Ⓢ — Company's logo

FF.FFFFFFFF — Represent frequency (MHz) after decimal point keep effective digit, but not less than 3 digits.

XO — Represent crystal control oscillator

YZ — Represent Month & Year code respectively

" Y " :

MONTH	Jan	Feb	Mar	Apr.	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MARK	A	B	C	D	E	F	G	H	J	K	L	M

" Z " code is the last number of production year

For instance:

YEAR	2009	2010	2011	2012	2013
MARK	9	0	1	2	3

LL — Represent lot code (AA-ZZ)

2. DO NOT SCALE DRAWING

NOTES: 1. ALL DIMENSIONS ARE IN MM



INTERQUIP ELECTRONICS CO., LIMITED

TITLE		CRYSTAL CLOCK OSCILLATOR		DWN.	H_Zhang
PART NO.				DATE	2010.2.4
MODEL		1491-2G SERIES		CHKD	M_Zhao
REMARK				DATE	2010.2.4
				APPD.	Xm_Sun
				DATE	2010.2.4
DATE	MODIFY DESCRIPTION	BY		DWG.NO.	004-06314-012
				REV.	3