

APPLICATION

REVISIONS

NEXT ASSY

USED ON

REV.

DESCRIPTION

DATE

APPROVED

01

PACKAGE CHANGED

9-14-90

MODEL NUMBER

ED01-353

FREQUENCY RANGE

300MHz to 600MHz

FREQUENCY STABILITY

±100ppm

TEMPERATURE RANGE

0°C to +70°C

OUTPUT

ECL Squarewave

100K Logic or 10KH Compatible

OUTPUT VOLTAGE

Voh

-1.04 Min, -0.95 Typ, -0.85 Max

Vol

-1.90 Min, -1.80 Typ, -1.60 Max

RISE/FALL TIME

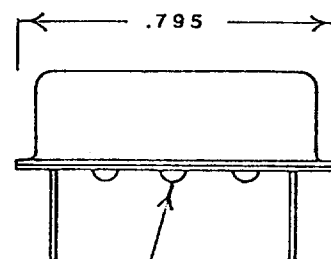
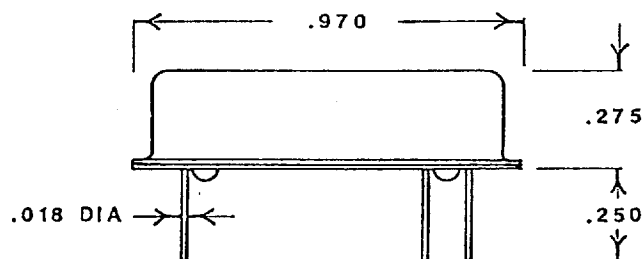
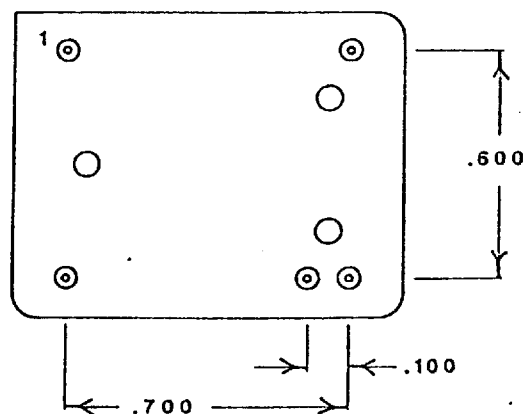
1nS Max

SUPPLY VOLTAGE

-5.2Vdc ±5%

SUPPLY CURRENT

65mA Typ, 100mA Max

GLASS STANDOFF
(3 PLACES)

PIN	CONNECTION
1	Vee
8	Vee
9	OUTPUT
10	COMPLEMENTARY OUTPUT
16	Vcc (CASE GROUND)

Dimensional Tolerance: ±.005

All dimensions in inches

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:FRACTIONS DECIMALS ANGLES
= .XX =
= .XXX =

MATERIAL

FINISH

DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS

DATE

DRAWN

B. Arnold

9-14-90

CHECKED

DL

9/14/90

ISSUED



CONNOR-WINFIELD CORP

PO Box L West Chicago, Illinois 60185

ED01-353 SPECIFICATIONS

SIZE

A

FSCM NO.

021022

DWG. NO.

0421-S01

REV.

01

SCALE

2:1

SHEET

1 OF 1

REV.
SH
DWG. NO.

NEXT ASSY

USED ON

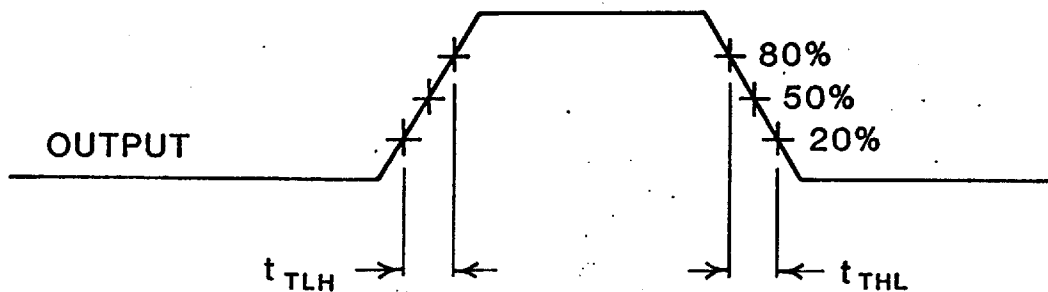
REV.

DESCRIPTION

DATE

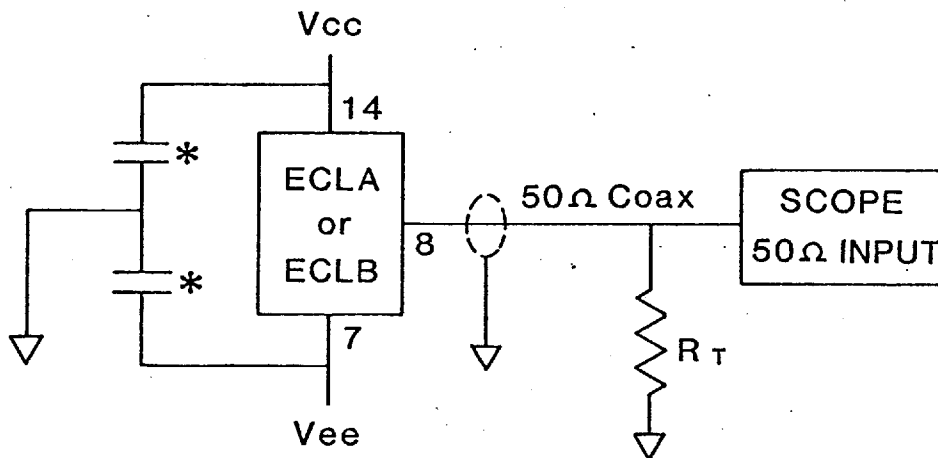
APPROVED

FIGURE 1



SYMBOL	CHARACTERISTIC	$T_C = 0^\circ\text{C}$		$T_C = +25^\circ\text{C}$		$T_C = +85^\circ\text{C}$		UNIT	CONDITION
		Min.	Max.	Min.	Max.	Min.	Max.		
t_{TLH}	Transition time	0.45	1.20	0.45	1.10	0.45	1.10	ns	Figures 1 & 2
t_{THL}	20%-80%, 80%-20%								

FIGURE 2



NOTES:

$V_{CC} = +2V$, $V_{EE} = -2.5V$

$R_T = 50\Omega$ terminator internal to scope.

* Decoupling $0.1 \mu F$ from Ground to V_{CC} and V_{EE} .

$C_L =$ Fixture and stray capacitance $\leq 3pF$.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
 $\pm .XX \pm$
 $\pm .XXX \pm$

CONTRACT NO.

APPROVALS

DATE

DRAWN

CHECKED

ISSUED

B. Arnold
Bell

4-4-90



CONNOR-WINFIELD CORP
PO Box L West Chicago, Illinois 60185

ECL TEST CIRCUIT &
OUTPUT WAVEFORM

SIZE
A

FSCM NO.

DWG. NO.

REV.

SCALE

SHEET

DO NOT SCALE DRAWING