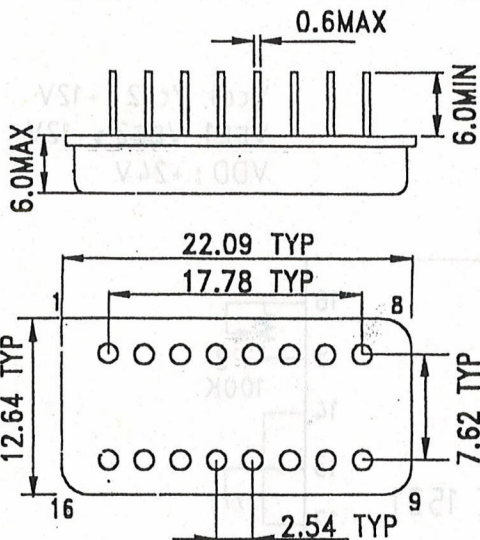




HYBRID MICROCIRCUIT

BMC 1513

FAST AMPLIFIER



GENERAL: BMC 1513 is a FASTAMPLIFIER with a rise time of 2ns.

BMC 1513 is housed in a hermetically sealed 16 pins (DIP) metal package.

MAXIMUM RATINGS :

Supply Voltages

: +7V

: -7V

Operating Temperature

: 0°C to +70°C

Storage Temperature

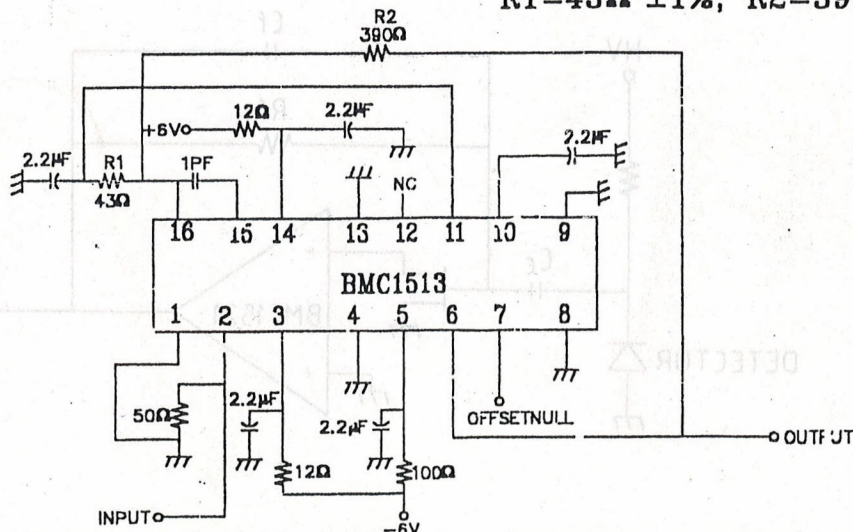
: -25°C to + 85°C

ELECTRICAL SPECIFICATION: T_A = 25°C

SL.NO.	PARAMETER	MIN.	TYP.	MAX.	UNITS
1.	Output range	-2.75	-2.5	+0.1	V
2.	Pulse gain*	9.0	10.0	11.0	-
3.	Offset (DC)	-10	-	+10	mV
4.	Rise time	-	2	5	ns
5.	Overshoot	-	-	20.0	%

* Typ values for gain of 10 are
R1=43Ω ±1%, R2=390Ω±1%

TEST CIRCUIT



Rev'd. *Roll*

Issue: 03

DOC CODE: DS

DRG. NO: 2513

SH: 1

Apvd. *Sw*

Date: 20.02.02

HELD IN: HMC

DATA SHEET