



FLIP CHIP MODULES TEST DATA

TYPE: R 601
#001
PULSE AMPLIFIER

DC TESTS		
OUTPUT PIN	D	
LOWER LEVEL	-3.6	V
LOAD CURRENT	2.9	MA

AC TESTS	
UPPER LEVEL	
D	MV
-	

600 Ω LOAD TO -15V.

AC SENSITIVITY TESTS			
INPUT	SENSITIVITY#1	SENSITIVITY#2	
J	+ 1.2	+ 1.7	V
L	+ 1.2	+ 1.7	V
N	+ 1.2	+ 1.7	V
R	+ 1.3	+ 1.7	V
T	+ 1.2	+ 1.8	V
V	+ 1.2	+ 1.7	V

#1. GATE ENABLE GROUNDED

#2. GATE ALTERNATELY ENABLED

GATE DISABLE TEST	
LEVEL INPUT	CHECK
H	✓
K	✓
M	✓
P	✓
S	✓
U	✓

MARGINS		
+10V	+ 10 V	- 10 V
-15V	+ 7.5 V	- 5 V

CHECK FOR NO OPERATION AT THE OUTPUTS WITH THE ENABLE LEVEL AT -3.0 VOLTS.

TEST	OUTPUT	PULSE WIDTH		
		RISE TTT	PULSE WIDTH	
70 NSEC	70 NS	32	85	NS
INPUT PULSE	400 NS	31	340	NS
40 NSEC	70 NS	31	85	NS
INPUT PULSE	400 NS	30	340	NS
3 LEVEL	70 NS	30	80	NS
CHANGE INPUT	400 NS	29	340	NS

JUMPER PIN E TO PIN F TO OBTAIN 400 NS OUTPUT PULSE.

TECHNICAL INFORMATION

Instruction literature and technical bulletins are available on all digital products, if you would like to be added to our mailing list for this type of material or if you have any questions about the equipment you have purchased, please contact the nearest Digital Sales Office.

MAINTENANCE INFORMATION

Repair of printed circuitry should be done with a low voltage, fairly cool soldering iron to prevent damage to the transistors and keep the copper from lifting. Oscilloscopes used to troubleshoot a module or system should be grounded to prevent damaging transients.

ELEC. TESTER:



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JAW
2/12/65