



FLIP CHIP MODULES TEST DATA

TYPE: W 640

PULSE AMPLIFIER

TEST	CONDITIONS	MINIMUM	MAXIMUM
INPUT LOWER LEVEL	NONE	-3.2 V	-3.8 V
INPUT AMPLITUDE FOR 0.5V OUTPUT	NO LOAD 70NS PULSE IN 500 KC	≈ 1.2 V	/
INPUT AMPLITUDE FOR 2.0V OUTPUT	50Ω LOAD 70NS PULSE IN 500 KC	/	- ≈ 2.0 V
OUTPUT AMPLITUDE	2.5 V 70NS PULSE IN NO LOAD	- ≈ 2.5 V	- ≈ 3.4 V
OUTPUT WIDTH	400NS OUTPUT	≈ 300 NS	≈ 500 NS
OUTPUT AMPLITUDE	2.5 V 70NS PULSE IN NO LOAD	- ≈ 2.5 V	- ≈ 3.4 V
OUTPUT WIDTH	1μ OUTPUT	≈ 750 NS	≈ 1300 NS
OUTPUT AMPLITUDE	2.5V 70NS PULSE IN NO LOAD	≈ 2.5 V	≈ 3.4 V
OUTPUT WIDTH	50Ω LOAD 1μS OUTPUT	≈ 800 NS	≈ 1300 NS
OUTPUT AMPLITUDE	LEVEL CHANGE IN NO LOAD	+ ≈ 2.5 V	+ ≈ 3.4 V
OUTPUT WIDTH	500 KC	≈ 300 NS	≈ 500 NS
PULSE APPLIED TO OUTPUT. MEASURE AMPLITUDE WHICH CAUSES PA TO REGENERATE.	500 KC	≈ 1.2 V	/

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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