



FLIP CHIP MODULES TEST DATA

TYPE: W 501
003
SCHMITT TRIGGER

3/1/66

TEST	CONDITIONS	L-K, M-N	L, M OPEN
UPPER THRESHOLD	INPUT IS VARIABLE DC LEVEL.	2.0 - 2.3 V	≥ 2.5 V
LOWER THRESHOLD		0.6 - 0.8 V	≥ 0.0 V
DC TESTS $I_C = 20\text{MA}$	UPPER LEVEL	≤ 300 MV	
	LOWER LEVEL	3.3 - 3.8 V	
	LOAD CURRENT 1.5 K	9 - 11 MA	
	LOAD CURRENT 7.5 K	1.8 - 2.2 MA	
	PIN "N" LEVEL	2.0 - 2.2 V	
	PIN "K" LEVEL	0.6 - 0.8 V	
HIGH FREQUENCY TEST (INPUT IS IMC SQUARE WAVE)	RISE TTT	≤ 150 NS	
	RISE TIME	≤ 50 NS	
	FALL TTT	≤ 300 NS	
MARGINS (INPUT IS IMC SQUARE WAVE)	+ 10V	+ ≥ 10 V	- ≥ 7 V
	- 15V	+ ≥ 4 V	- ≥ 4 V
INTEGRATING MODE (INPUT IS 15CPS. SQUARE WAVE)	RISE TTT	3 - 6 MS	
	FALL TTT	10 - 40 MS	

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:

DATE:

DAW
1/29/66