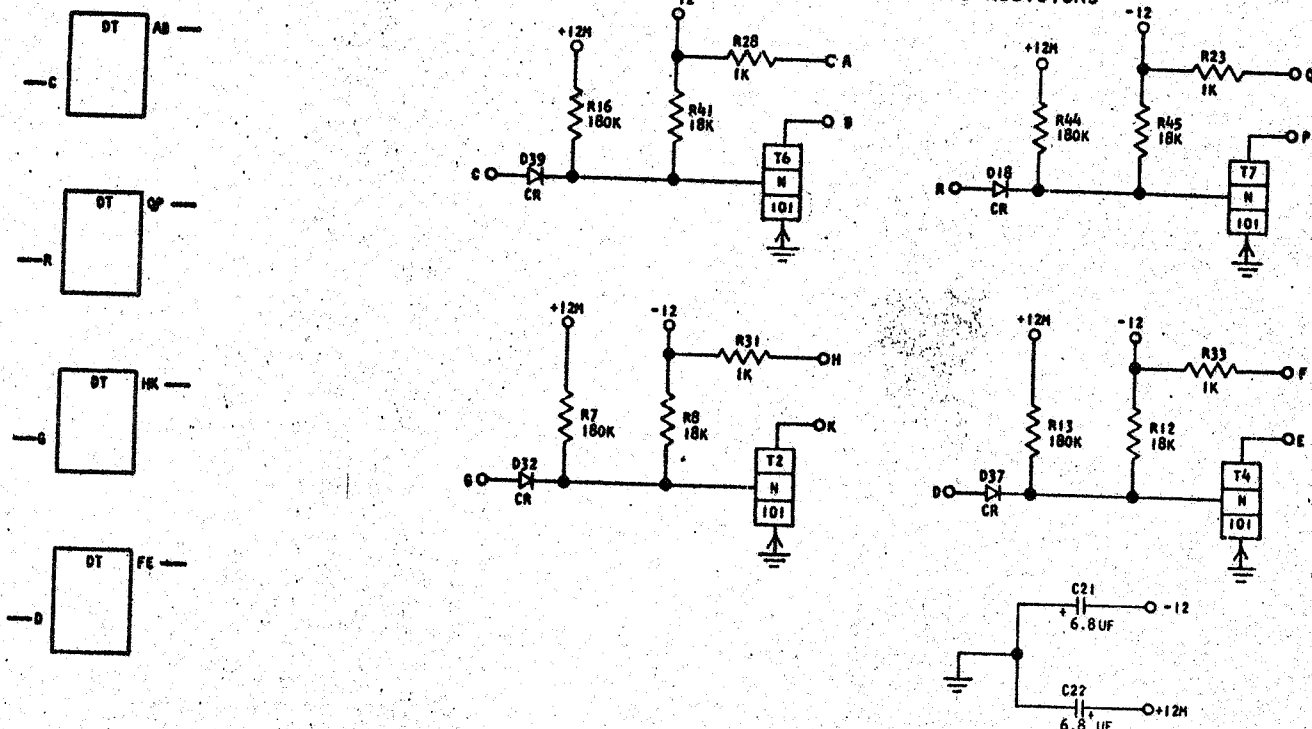


STANDARD CODE  
729940

CARD CODE  
TDB - 729940

**REFERENCE DRAWING**  
SEE PRODUCTION DRAWING 370389

**SDTRL-DISTRIBUTED LINE TERMINATOR  
WITH OPTIONAL LOAD RESISTORS**



**SEQUENCE OF OPERATION**

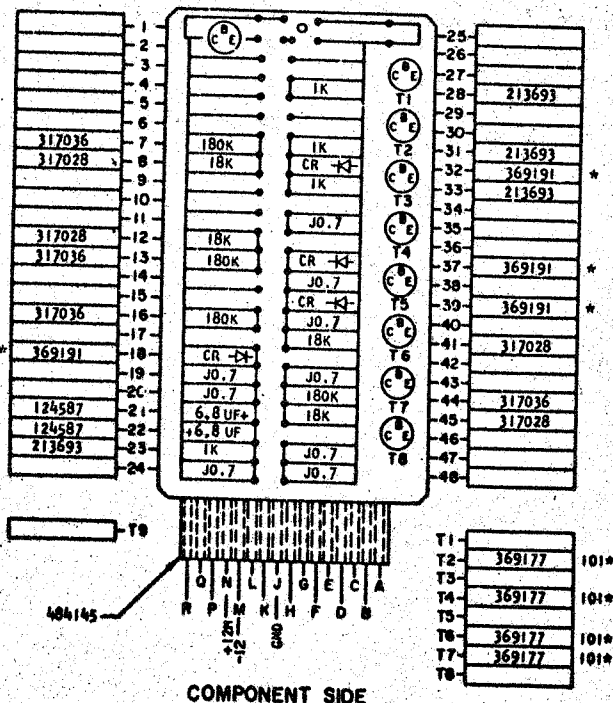
1. DOWN INPUT TRANSISTOR ON OUTPUT UP
2. UP INPUT TRANSISTOR OFF OUTPUT DOWN
3. COLLECTORS MUST BE LOADED

PINS	SIGNAL NAME	WAVE SHAPE	LEVELS	
			MIN	MAX
C, R, S, D	N INPUT		UP	+6.5
B, P, K, E	Y OUTPUT		DOWN	-7
			UP	-1
			DOWN	-6.87 -12.5

DELAY - NSEC

	MINIMUM	MAXIMUM
TURN ON	105	120*
TURN OFF	105	126*

\*FOR 100 FT OF CABLE.



COMPONENT SIDE

CIRCUIT AND PACKAGING STANDARD	
APPROVAL	DATE
ABC	4-2-62

INTERNATIONAL BUSINESS MACHINES CORP.				DATE	CHANGE NO.	APPROVAL	DATE	CHANGE NO.	APPROVAL	DEVELOPMENT NO.
NAME CARD ASM TSTR - SDTRL-DISTRIBUTED LINE TERMINATOR				6-29-62	EC 115599					729940
DESIGN	RQ	3-1-62	MODEL	SMS	30-4-63	JT 83687				
DETAIL	NR	3-1-62	SCALE	NONE						
CHECK	NR	3-1-62	DRAW	LIG	3-17-62					
APPRO			CHECK							

729940