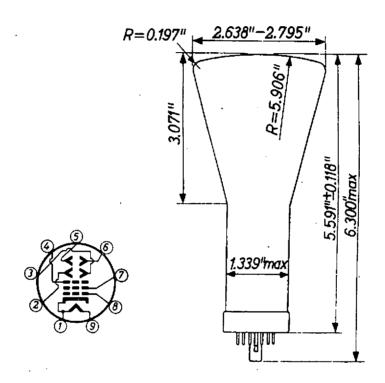
DESCRIPTION Cathode ray tube for oscil	loscopes		
ELECTRICAL DATA			
Heating Heater voltage Heater current	·		6.3 V 0.31 A
Focusing method			trostatic
Deflection method			le electrostatic 2 symmetrical 4 symmetrical
Direct interelectrode capacita	nces		
D_1 to all other electrodes except D_2			2.8 μμΕ
${\it D}_{2}$ to all other electrodes except ${\it D}_{1}$			2.8 μμΕ
D_3 to all other electrodes except D_4			3.0 μμΕ
D_4 to all other electrodes except D_3			3.3 μμΕ
D_1 to D_2			0.8 μμΕ΄
D ₃ to D ₄ Grid No.1 to all other elec	tradas		0.6 μμ F
	troues		7.0 μμΕ
OPTICAL DATA Phosphor number Fluorescent color	P ₁ yellowish green	P ₇ purplish blue	P ₁₁
Persistence	medium		medium short
MECHANICAL DATA Cathode Outline Base Mounting position		see	ed unipotential drawing al 9 p
LINE WIDTH Measured on a circle of 2" Grid No.3 voltage = 80 Beam current = 0.	0 V	0.02	28"
MAXIMUM RATINGS (Design	Center Values)	•	
Grid No. 3 voltage		{ max	. 1000 V
		\ min	
Grid No. 2 voltage		max	
Grid No. 1 voltage { negat	1Ve.	mas	_
(positive) Peak voltage between deflection plates D_1 and D_2		max nd Da max	-50
•		_	450
Peak voltage between defl Screen dissipation	batton plates by a		19.4 mW/sq. inch
-			
MAXIMUM CIRCUIT VALUES Grid No. 1 circuit resistan	re	max	. 0.5 ΜΩ
Deflection plate circuit re		maz	5 250
perfection brate circuit te	313 tance	111 (12	0 11143

TYPICAL CHARACTERISTICS

LOCATION OF THE DEFLECTION PLATES

WITH RESPECT TO THE BASE

The angle between a plane through the tube axis and perpendicular to the D_1 - D_2 deflection plates and a plane through the tube axis and base-pin No. 5 is 90 ±10°.



BASE CONNECTIONS

Pin No.	Element		
1	Heater and cathode		
2	Deflection plate No. 3		
3	Deflection plate No. 4		
4	Grid No. 3 anode		
5	Deflection plate No. 1		
6	Deflection plate No. 2		
7	Grid No. 2		
8	Grid No. 1		
9	Heater		