

Associated Electrical Industries Limited

Applications Laboratory
Radio & Electronic Components Division
Brimdawn, Enfield, Middlesex.

SUBJECT

TENTATIVE

DATE: 24th March, 1960.
T.D.S. No. 6-V1609-0-1

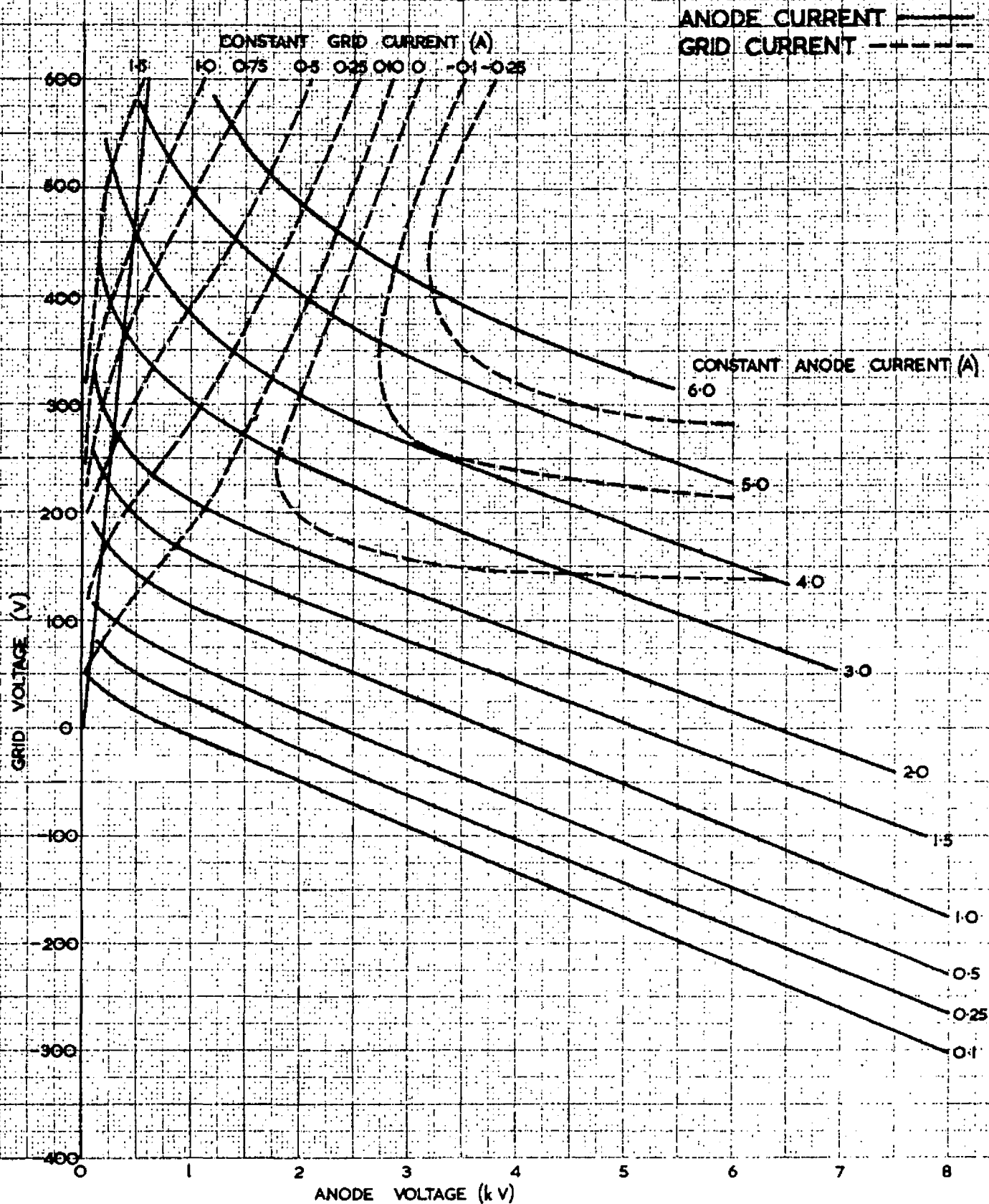
VALVE TYPE 16P12				JEDEC Type 7974	
DIMENSIONS		mm	TYPE		
OVERALL LENGTH		MAX 211	Water cooled triode with integral cooling.*		
			Cathode Thoriated Tungsten Filament.		
RATINGS					
*Filament Voltage		(V)	8.0 ± 5%		NOTE
Filament Current		(A)	26.0		
Maximum D.C. Anode Voltage		(kV)	8.0		
Maximum Peak Cathode Current		(A)	6.0		
Maximum Anode Dissipation		(kW)	3.0		
Maximum Operating Frequency					
(Limited by water connections)		(Mc/s)	10		
(Limited by valve)		(Mc/s)	40		
NOTES:- * Filament is suitable for direct switching.					
CAPACITANCES PF			BASE		CAP
ELECTRODES	TO	a	PIN	ELECTRODE	
g	TO	a	1		
g	TO	f	2		
a	TO	f	3		
	TO		4		
	TO		5		
	TO		6		
	TO		7		
	TO		8		
	TO		CAP		
	TO				
The symbol 'E' denotes the electrodes of any second valve section and the remaining empty potential electrodes of the section under measurement. h & m joined to cathode unless otherwise stated. Measurement with valve cold.			VIEW OF FREE END		
MOUNTING POSITION :-					
CHARACTERISTICS					
Anode Voltage		(kV)		5	
Anode Current		(mA)		400	
Mutual Conductance		(mA/V)		7.5	
Amplification Factor				24	

from JEDEC release #3143, Feb. 13, 1961

* This is the water cooled version of the 8SA1500 with integral water cooling.

TENTATIVE CHARACTERISTIC CURVES OF EDISWAN VALVE TYPE 16P12

CONSTANT CURRENT CHARACTERISTICS



f.b. 12.9.60.

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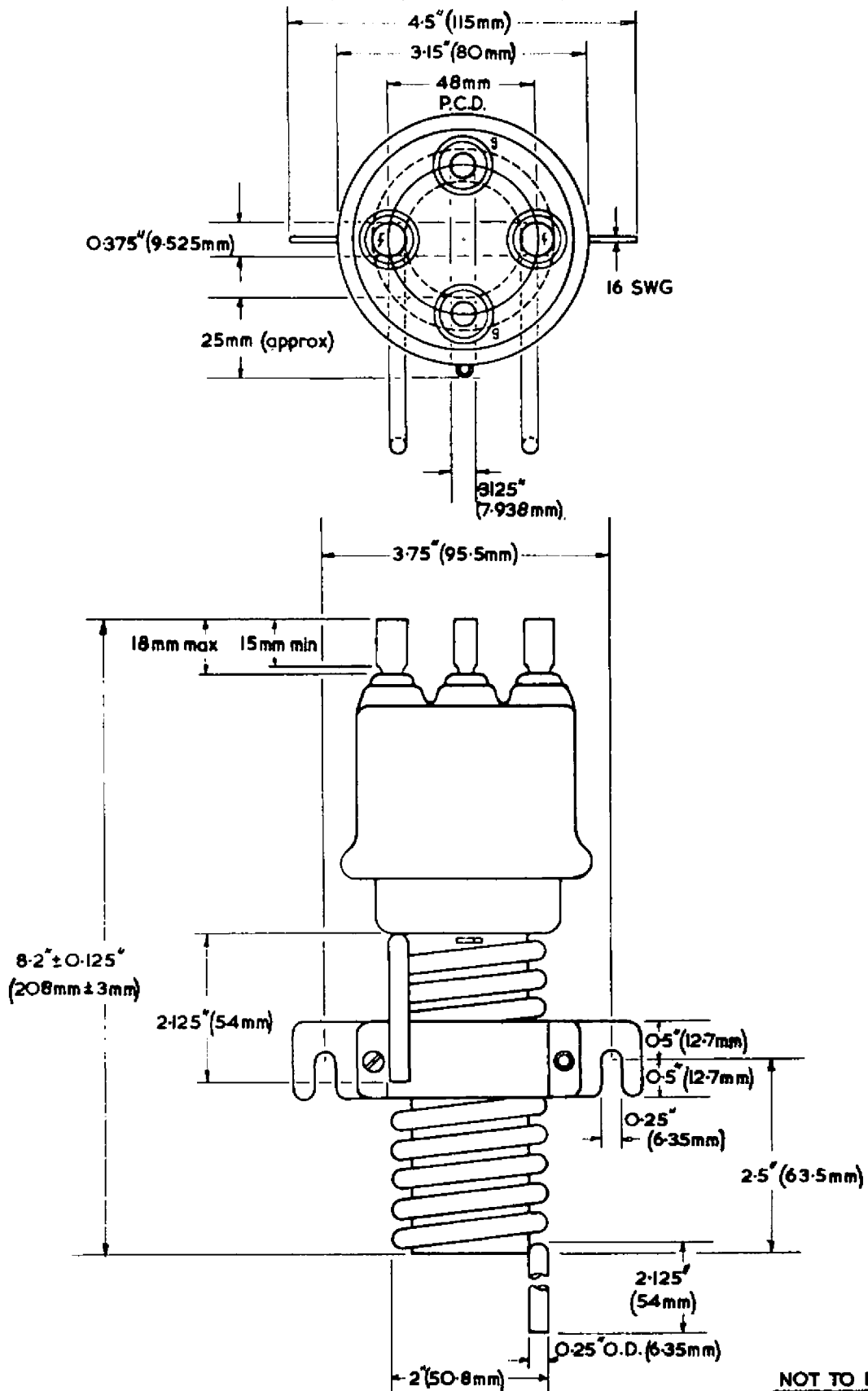
Radio & Electronic Components Division
Brimdawn, Enfield, Middlesex.

JEDEC Type 7974

SUBJECT

DATE: 18th October, 1960.
T.D.S. No. 6-V1609-90-1

OUTLINE DRAWING FOR VALVE TYPE 16PI2



NOT TO BE SCALED

← INDICATES A CHANGE SINCE PREVIOUS ISSUE.

f.b. 18.10.60.

V1609