

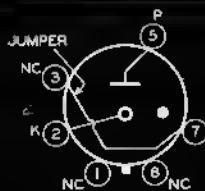
GLOW-DISCHARGE (Cold-Cathode) TUBES

 Type	Description
VOLTAGE-REGULATOR TYPES	
OA2	Miniature button 7-pin base.
OA3	Octal 6-pin base.
OB2	Intended for use in applications where it is necessary to maintain a constant dc output voltage across a load, independent of load current and moderate line-voltage variations.
OC2	Miniature button 7-pin base.
OC3	Miniature button 7-pin base.
OD3	Octal 6-pin base.
991	Octal 6-pin base.
6073	Candelabra, double-contact base.
6073/OA2	Like the OA2 but having very stable characteristics and intended for applications critical as to shock and vibration.
6074	Like the OB2 but having very stable characteristics and intended for applications critical as to shock and vibration.
6074/OB2	Like the OB2 but having very stable characteristics and intended for applications critical as to shock and vibration.
6626/OA2-WA	Like OA2 but intended to meet indicated military specification.
VOLTAGE-REFERENCE TYPES	
5651	7-pin miniature type designed for extreme voltage stability. Voltage stability is such that voltage fluctuations at any current value within the operating current range (1.5 to 3.5 ma.) are less than 0.1 volt.
5651-WA	Like 5651 but intended to meet indicated military specification.
RELAY TYPES	
OA4-G	For use in calculating machines and carrier-current relay systems. Octal 6-pin base.
1C21	Similar to OA4-G, but for dc operation only.
5823	Miniature 7-pin type intended primarily for the "on-off" control of low-current electrical circuits.

For key to terminal connections see page 30.



OA2 OB2 OC2 6073 6073/OA2
6074 6074/OB2 6626/OA2-WA



OA3 OC3 OD3

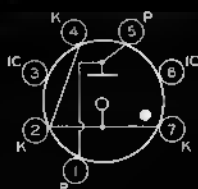


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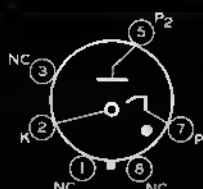
Applications	Max. Dimensions Inches		Max. Starting Current Ma.	DC Operating Current Ma.		Ambient Temperature Range °C	Operating Conditions					 Type	
	Length	Diam.		Max.	Min.		Approx. DC Starting Volts	Min. DC Anode Supply Volts	Approx. DC Operating Volts	Regulation			
										Current Range Ma.	Volts		
VOLTAGE-REGULATOR TYPES													
Regulation of dc voltage supplies for amplifiers, oscillators, etc.; can also be used as relaxation oscillators	2 5/8	3/4	75	30	5	-55 to +90	156	185	151	5 to 30	2	OA2	
	4 1/8	1 1/16	100	40	5	-55 to +90	100	105	75	5 to 40	5	OA3	
	2 5/8	3/4	75	30	5	-55 to +90	115	133	108	5 to 30	1	OB2	
	2.63	3/4	75	30	5	-55 to +90	105	115	75	5 to 30	3	OC2	
	4 1/8	1 1/16	100	40	5	-55 to +90	115	133	108	5 to 40	2	OC3	
	4 1/8	1 1/16	100	40	5	-55 to +90	160	185	153	5 to 40	4	OD3	
	1 9/16	5/8	—	2	0.4	—	67	87	59	0.4 to 2.0	8	991	
Same as OA2	Instantaneous Impact Acceleration, 500 Max. g Vibrational Acceleration for Extended Periods, 2.5 g										6073		
Same as OA2	Instantaneous Impact Acceleration, 500 Max. g Vibrational Acceleration for Extended Periods, 2.5 g										6073/OA2		
Same as OB2	Instantaneous Impact Acceleration, 500 Max. g Vibrational Acceleration for Extended Periods, 2.5 g										6074		
Same as OB2	Instantaneous Impact Acceleration, 500 Max. g Vibrational Acceleration for Extended Periods, 2.5 g										6074/OB2		
Same as OA2	For data refer to MIL-E-1/939B specification ♦										6626/ OA2-WA		
VOLTAGE-REFERENCE TYPES													
Voltage-Reference Tube	2 1/8	3/4	—	3.5	1.5	-55 to +90	107	115	87	1.5 to 3.5	3	5651	
Voltage-Reference Tube	2 1/8	3/4	For data refer to MIL-E-1/825A specification ▲								5651-WA		
RELAY TYPES													
Relay Service	4 1/8	1 1/16	Max. Peak Inverse Anode Volts, 225 Peak Starter-Electrode Breakdown Volts, +75 to +90				Max. Peak Cathode Current, 100 Ma. Max. Av. Cathode Current, 25 Ma.				OA4-G		
	2 5/8	1 5/16	Max. Peak Inverse Anode Volts, 180 Peak Starter-Electrode Breakdown Volts, +66 to +80				Max. Peak Cathode Current, 100 Ma. Max. Average Cathode Current, 25 Ma.				1C21		
	2 1/8	3/4	Max. Peak Anode and Starter-Electrode Volts, 200 Peak Starter-Electrode Breakdown Volts, +73 to +105				Max. Peak Cathode Current, 100 Ma. Max. Average Cathode Current, 25 Ma.				5823		

♦ A copy of this specification may be obtained from the Bureau of Ships, Department of the Navy, Washington 25, D. C.

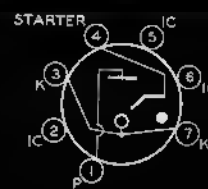
▲ A copy of this specification may be obtained from the Director of the Armed Services Electro-Standards Agency (ASESA) at Fort Monmouth, New Jersey.



5651 5651-WA



OA4-G 1C21



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