

E.I.A. REGISTERED

HI-Voltage Regulating Diode

The Victoreen diodes listed below have been E.I.A. registered to facilitate design, acceptance and procurement by the military. For some of the earlier registration numbers, improved performance may be anticipated either by our current production of E.I.A. registered tubes or by use of the cross-referenced commercial type. The Victoreen diodes which are glass encased (T-3, T-4, T-5 and T-6 types) are capable of operation from -65°C to $+125^{\circ}\text{C}$, even though the appropriate specification may demand operation over a more limited temperature range.

The utmost in physical durability is offered in the metal-shelled diodes (8069, 8206 and 6392). These Victoreen diodes are entirely of metal and ceramic construction with welded and high-temperature brazed seams, these diodes are capable of withstanding shock and vibration of a high magnitude.

Additional physical, environmental and electrical information for the above Victoreen diodes may be found on the data sheet listing the particular commercial equivalent.

TYPES E.I.A. REGISTERED								
Type	Nom. Voltage	Test Point (ua)	Tolerance	Current In Microamperes			Regulation* (Max.)	For Environmental And Physical Characteristics Refer To Tube Listed Below
				Min.	Max.	Peak		
5841 Δ	900	25	$\pm 18\text{V}$	5	100	150	18V	GV3A-900
5950	700	25	$\pm 15\text{V}$	5	100	150	14V	GV3A-700
6119	2000	25	$\pm 100\text{V}$	15	100	150	40V	GV3A-2000
6143	1200	25	$\pm 24\text{V}$	10	100	150	24V	GV3A-1200
8469	400	50	$\pm 10\text{V}$	5	300	400	20V	GV3A-400
7859	1750	100	$\pm 35\text{V}$	20	800	1100	65V	GV4S-1750
7894	3000	100	$\pm 60\text{V}$	30	850	1800	100V	GV4S-3000
8089	1600	100	$\pm 32\text{V}$	20	800	1100	65V	GV4S-1600
8256	3500	100	$\pm 70\text{V}$	35	700	1900	100V	GV4S-3500
8257	1200	100	$\pm 24\text{V}$	15	600	750	30V	GV4S-1200
5962	700	25	$\pm 18\text{V}$	2	55		15V	GV5B-700
7160	4000	100	$\pm 80\text{V}$	40	500	900	120V	GV5C-4000
7161	3500	50	$\pm 70\text{V}$	35	500	1800	105V	GV5A-3500
7162	2500	250	$\pm 50\text{V}$	25	500	1800	75V	GV5A-2500
7286	2710	500	$\pm 75\text{V}$	30	750	1500	60V	GV5A-2710
8514	1000	100	$\pm 25\text{V}$	10	650	800	20V	GV5A-1000
8515	1600	100	$\pm 40\text{V}$	20	800	950	42V	GV5A-1600
8615	1400	100	$\pm 30\text{V}$	10	500	750	30V	GV5A-1400
8797	900	100	$\pm 22\text{V}$	10	550	750	50V	GV5B-900
8090	3500	500	$\pm 75\text{V}$	50	1000	1500	100V	GV6A-3500
8091	4000	100	$\pm 125\text{V}$	50	600	1000	50V	GV6C-4000
8612	6000	100	$\pm 175\text{V}$	50	500	900	55V	GV6C-6000
8069	8000	300	$\pm 200\text{V}$	25	1000	1500	650V	M42D-8
8206	12000	300	$\pm 200\text{V}$	25	1000	1500	500V	M45C-12
6392	18000	500	$\pm 300\text{V}$	50	1000	1500	1100V	M108-18

*This regulation is the change in voltage over useful range of current from MIN. to MAX.

Δ NOTE: Has three leads; two for cathode, one center lead for anode.

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