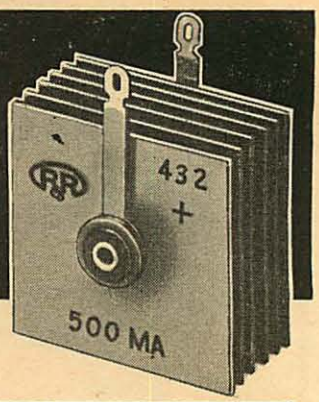
General Instrument Semiconductors

RADIO RECEPTOR SELENIUM RECTIFIERS

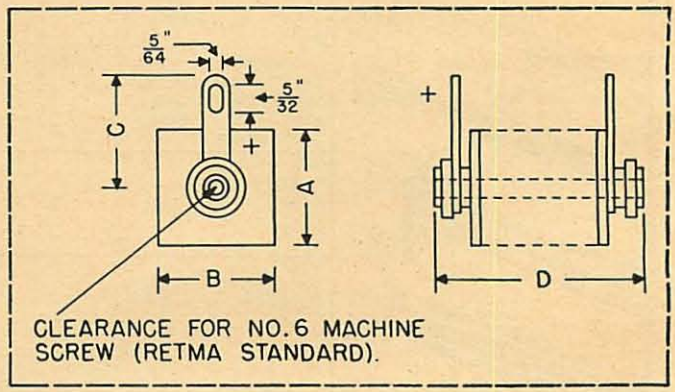


Radio and TV Types

MAX. D. C. OUTPUT MA.	CATALOG NO.	MAX. A. C. INPUT VOLTS	MIN. SERIES RESISTOR (OHMS)	MAX. PEAK INVERSE VOLTAGE	A (INCHES)	B (INCHES)	C (INCHES)	D (INCHES)
150	6GA150	130	7.5	380	1	1	1 1/8	1 1/8
175	6GA175	130	5.	380	1	1	1 3/8	1 3/8
200	6GA200	130	5.	380	1	1	2	2 5/16
200	8GA200	130	5.	380	1.13	1.13	1 1/8	1 1/8
250	8GA250	130	5.	380	1.13	1.13	1 3/8	1 3/8
300	8GA300	130	5.	380	1.13	1.13	2	2 5/16
300	11GA300	130	5.	380	1.3	1.3	1 3/8	1 3/8
350	11GA350	130	5.	380	1.3	1.3	2	2 5/16
400	11GA400	130	5.	380	1.3	1.3	2 1/4	2 5/16
400	16GA400	130	5.	380	1.6	1.6	1 3/8	1 3/8
450	16GA450	130	3.	380	1.6	1.6	1 3/4	2 1/16
500	16GA500	130	3.	380	1.6	1.6	2	2 5/16
550	16GA550	130	3.	380	1.6	1.6	2 1/4	2 5/16
600	16GA600	130	3.	380	1.6	1.6	2 1/2	2 13/16
750	25GA750	130	3.	380	2	2	2 1/2	2 13/16
25	16Y1	260	47	760	1/2	1/2	19/32	7/8
30	8Y1	130	47	380	1/2	1/2	19/32	1/2
65	8J1	130	33	380	11/16	11/16	19/32	1/2
65	16J1	260	33	720	11/16	11/16	19/32	7/8
75	6M1	156	22	456	1	1	15/16	7/8
100	6M2	156	22	456	1	1	15/16	1 1/8

If locking lug is required, add suffix "L" to catalog number, i.e. 6GA150L.
The ratings above are for half-wave capacitive load.

Radio Receptor rectifiers, designed and tested to eliminate arc-over danger, short circuits and heating at the center contact point, have underwriters laboratories acceptance for operation at a cell temperature of 85° C. This "safe center" feature combined with long life and lower forward drop at high current densities gives you a rectifier years ahead in design.



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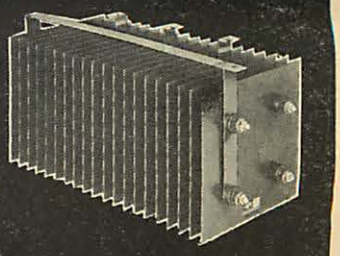
See Additional Radio Receptor—General Instrument Diodes, Semiconductors and Rectifiers on Pages 1433 to 1435

General Instrument Semiconductors

RADIO RECEPTOR Tri-Amp RECTIFIERS



INDUSTRIAL TYPE POWER UNITS—SINGLE PHASE FULL WAVE

OUTPUT DC VOLTS	MAX. OUTPUT DC AMPS	MAX. INPUT AC VOLTS	CKT	CATALOG NO.	NO. OF MTG. STUDS	CELL SIZE INCHES
	0.6			C301*	1	1" sq.
	1.5			C302*	1	1.3 sq.
	2.2			C303*	1	1.6 sq.
	3.4			C304*	1	2 sq.
	6.6			C305*	1	2.6 sq.
	9			C306	1	2.3 x 4
0-10	12	26	C.T. †	C307	1	4 sq.
	18			C308	1	4 x 5.3
	24			C309	2	4 x 8
	36			C310	3	4 x 12
	48			C311	4	8 sq.
	70			C312	4	8 x 12
	90			C313	4	8 x 16
	0.6			C314	1	1 sq.
	1.5			C315	1	1.3 sq.
	2.2			C316	1	1.6 sq.
	3.4			C317	1	2 sq.
	6.6			C318	1	2.6 sq.
	9			C319	1	2.3 x 4
0-21	12	26	BR.	C320	1	4 sq.
	18			C321	1	4 x 5.3
	24			C322	2	4 x 8
	36			C323	3	4 x 12
	48			C324	4	8 sq.
	70			C325	4	8 x 12
	90			C326	4	8 x 16
	0.6			C327	1	1 sq.
	1.5			C328	1	1.3 sq.
	2.2			C329	1	1.6 sq.
	3.4			C330	1	2 sq.
	6.6			C331	1	2.6 sq.
	9			C332	1	2.3 x 4
0-41	12	52	BR.	C333	1	4 sq.
	18			C334	1	4 x 5.3
	24			C335	2	4 x 8
	36			C336	3	4 x 12
	48			C337	4	8 sq.
	70			C338	4	8 x 12
	90			C339	4	8 x 16
	0.6			C340	1	1 sq.
	1.5			C341	1	1.3 sq.
	2.2			C342	1	1.6 sq.
0-63	3.4	78	BR.	C343	1	2 sq.
	6.6			C344	1	2.6 sq.
	9			C345	1	2.3 x 4
	12			C346	1	4 sq.
	18			C347	1	4 x 5.3
	24			C348	2	4 x 8
0.63	36	78	BR.	C349	3	4 x 12
	48			C350	4	8 sq.
	70			C351	4	8 x 12
	90			C352	4	8 x 16
	0.6			C353	1	1 sq.
	1.5			C354	1	1.3 sq.
	2.2			C355	1	1.6 sq.
	3.4			C356	1	2 sq.
	6.6			C357	1	2.6 sq.
	9			C358	1	2.3 x 4
0-84	12	104	BR.	C359	1	4 sq.
	18			C360	1	4 x 5.3
	24			C361	2	4 x 8
	36			C362	3	4 x 12
	48			C363	4	8 sq.
	70			C364	4	8 x 12
	90			C365	4	8 x 16
	0.6			C366	1	1 sq.
	1.5			C367	1	1.3 sq.
	2.2			C368	1	1.6 sq.
	3.4			C369	1	2 sq.
	6.6			C370	1	2.6 sq.
	9			C371	1	2.3 x 4
0-106	12	130	BR.	C372	1	4 sq.
	18			C373	1	4 x 5.3
	24			C374	2	4 x 8
	36			C375	3	4 x 12
	48			C376	4	8 sq.
	70			C377	4	8 x 12
	90			C378	4	8 x 16
	0.6			C379	1	1 sq.
	1.5			C380	1	1.3 sq.
	2.2			C381	1	1.6 sq.
	3.4			C382	1	2 sq.
	6.6			C383	1	2.6 sq.
	9			C384	1	2.3 x 4
0-127	12	156	BR.	C385	1	4 sq.
	18			C386	1	4 x 5.3
	24			C387	2	4 x 8
	36			C388	3	4 x 12
	48			C389	4	8 sq.
	70			C390	4	8 x 12
	90			C391	4	8 x 16

NOTES:

Mounting brackets are available for the above types, except for the 4 x 8 cell size and larger.

*These units use one bracket; all others require two.

†Across outer legs of center tap connection.

Mounting studs are centrally located on the cell and where more than one is used the measurement is $3\frac{15}{16}$" between centers. A 10-32 stud is used with cell sizes up to 2.6" square and a $\frac{5}{16}$-18 stud is used with the larger cell sizes;

The stacks shown above are adaptable for a wide range of common applications. The ratings are for stacks mounted with cells in a vertical position with normal convection cooling, and in a maximum ambient temperature of 35° C (95° F) with a resistive or inductive load. Many other types are available for special requirements.

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