

Air-cooled transmitting triode for Class C RF power amplification and oscillator service, including telegraph and therapy applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / 3.2 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	3000 V
MAXIMUM PLATE DISSIPATION	110 W
Source-derived physical section; applicable promoted ratings are populated from the printed sheet.	

WESTINGHOUSE 6X4 6AR5 6AV6 6BD6 6BE6 6BE7 6BE8 6BE9 6BE10 6BE11 6BE12 6BE13 6BE14 6BE15 6BE16 6BE17 6BE18 6BE19 6BE20 6BE21 6BE22 6BE23 6BE24 6BE25 6BE26 6BE27 6BE28 6BE29 6BE30 6BE31 6BE32 6BE33 6BE34 6BE35 6BE36 6BE37 6BE38 6BE39 6BE40 6BE41 6BE42 6BE43 6BE44 6BE45 6BE46 6BE47 6BE48 6BE49 6BE50 6BE51 6BE52 6BE53 6BE54 6BE55 6BE56 6BE57 6BE58 6BE59 6BE60 6BE61 6BE62 6BE63 6BE64 6BE65 6BE66 6BE67 6BE68 6BE69 6BE70 6BE71 6BE72 6BE73 6BE74 6BE75 6BE76 6BE77 6BE78 6BE79 6BE80 6BE81 6BE82 6BE83 6BE84 6BE85 6BE86 6BE87 6BE88 6BE89 6BE90 6BE91 6BE92 6BE93 6BE94 6BE95 6BE96 6BE97 6BE98 6BE99 6BE100

6BE101 6BE102 6BE103 6BE104 6BE105 6BE106 6BE107 6BE108 6BE109 6BE110 6BE111 6BE112 6BE113 6BE114 6BE115 6BE116 6BE117 6BE118 6BE119 6BE120 6BE121 6BE122 6BE123 6BE124 6BE125 6BE126 6BE127 6BE128 6BE129 6BE130 6BE131 6BE132 6BE133 6BE134 6BE135 6BE136 6BE137 6BE138 6BE139 6BE140 6BE141 6BE142 6BE143 6BE144 6BE145 6BE146 6BE147 6BE148 6BE149 6BE150 6BE151 6BE152 6BE153 6BE154 6BE155 6BE156 6BE157 6BE158 6BE159 6BE160 6BE161 6BE162 6BE163 6BE164 6BE165 6BE166 6BE167 6BE168 6BE169 6BE170 6BE171 6BE172 6BE173 6BE174 6BE175 6BE176 6BE177 6BE178 6BE179 6BE180 6BE181 6BE182 6BE183 6BE184 6BE185 6BE186 6BE187 6BE188 6BE189 6BE190 6BE191 6BE192 6BE193 6BE194 6BE195 6BE196 6BE197 6BE198 6BE199 6BE200

6BE201 6BE202 6BE203 6BE204 6BE205 6BE206 6BE207 6BE208 6BE209 6BE210 6BE211 6BE212 6BE213 6BE214 6BE215 6BE216 6BE217 6BE218 6BE219 6BE220 6BE221 6BE222 6BE223 6BE224 6BE225 6BE226 6BE227 6BE228 6BE229 6BE230 6BE231 6BE232 6BE233 6BE234 6BE235 6BE236 6BE237 6BE238 6BE239 6BE240 6BE241 6BE242 6BE243 6BE244 6BE245 6BE246 6BE247 6BE248 6BE249 6BE250 6BE251 6BE252 6BE253 6BE254 6BE255 6BE256 6BE257 6BE258 6BE259 6BE260 6BE261 6BE262 6BE263 6BE264 6BE265 6BE266 6BE267 6BE268 6BE269 6BE270 6BE271 6BE272 6BE273 6BE274 6BE275 6BE276 6BE277 6BE278 6BE279 6BE280 6BE281 6BE282 6BE283 6BE284 6BE285 6BE286 6BE287 6BE288 6BE289 6BE290 6BE291 6BE292 6BE293 6BE294 6BE295 6BE296 6BE297 6BE298 6BE299 6BE300

6BE301 6BE302 6BE303 6BE304 6BE305 6BE306 6BE307 6BE308 6BE309 6BE310 6BE311 6BE312 6BE313 6BE314 6BE315 6BE316 6BE317 6BE318 6BE319 6BE320 6BE321 6BE322 6BE323 6BE324 6BE325 6BE326 6BE327 6BE328 6BE329 6BE330 6BE331 6BE332 6BE333 6BE334 6BE335 6BE336 6BE337 6BE338 6BE339 6BE340 6BE341 6BE342 6BE343 6BE344 6BE345 6BE346 6BE347 6BE348 6BE349 6BE350 6BE351 6BE352 6BE353 6BE354 6BE355 6BE356 6BE357 6BE358 6BE359 6BE360 6BE361 6BE362 6BE363 6BE364 6BE365 6BE366 6BE367 6BE368 6BE369 6BE370 6BE371 6BE372 6BE373 6BE374 6BE375 6BE376 6BE377 6BE378 6BE379 6BE380 6BE381 6BE382 6BE383 6BE384 6BE385 6BE386 6BE387 6BE388 6BE389 6BE390 6BE391 6BE392 6BE393 6BE394 6BE395 6BE396 6BE397 6BE398 6BE399 6BE400

6BE401 6BE402 6BE403 6BE404 6BE405 6BE406 6BE407 6BE408 6BE409 6BE410 6BE411 6BE412 6BE413 6BE414 6BE415 6BE416 6BE417 6BE418 6BE419 6BE420 6BE421 6BE422 6BE423 6BE424 6BE425 6BE426 6BE427 6BE428 6BE429 6BE430 6BE431 6BE432 6BE433 6BE434 6BE435 6BE436 6BE437 6BE438 6BE439 6BE440 6BE441 6BE442 6BE443 6BE444 6BE445 6BE446 6BE447 6BE448 6BE449 6BE450 6BE451 6BE452 6BE453 6BE454 6BE455 6BE456 6BE457 6BE458 6BE459 6BE460 6BE461 6BE462 6BE463 6BE464 6BE465 6BE466 6BE467 6BE468 6BE469 6BE470 6BE471 6BE472 6BE473 6BE474 6BE475 6BE476 6BE477 6BE478 6BE479 6BE480 6BE481 6BE482 6BE483 6BE484 6BE485 6BE486 6BE487 6BE488 6BE489 6BE490 6BE491 6BE492 6BE493 6BE494 6BE495 6BE496 6BE497 6BE498 6BE499 6BE500

6BE501 6BE502 6BE503 6BE504 6BE505 6BE506 6BE507 6BE508 6BE509 6BE510 6BE511 6BE512 6BE513 6BE514 6BE515 6BE516 6BE517 6BE518 6BE519 6BE520 6BE521 6BE522 6BE523 6BE524 6BE525 6BE526 6BE527 6BE528 6BE529 6BE530 6BE531 6BE532 6BE533 6BE534 6BE535 6BE536 6BE537 6BE538 6BE539 6BE540 6BE541 6BE542 6BE543 6BE544 6BE545 6BE546 6BE547 6BE548 6BE549 6BE550 6BE551 6BE552 6BE553 6BE554 6BE555 6BE556 6BE557 6BE558 6BE559 6BE560 6BE561 6BE562 6BE563 6BE564 6BE565 6BE566 6BE567 6BE568 6BE569 6BE570 6BE571 6BE572 6BE573 6BE574 6BE575 6BE576 6BE577 6BE578 6BE579 6BE580 6BE581 6BE582 6BE583 6BE584 6BE585 6BE586 6BE587 6BE588 6BE589 6BE590 6BE591 6BE592 6BE593 6BE594 6BE595 6BE596 6BE597 6BE598 6BE599 6BE600

6BE601 6BE602 6BE603 6BE604 6BE605 6BE606 6BE607 6BE608 6BE609 6BE610 6BE611 6BE612 6BE613 6BE614 6BE615 6BE616 6BE617 6BE618 6BE619 6BE620 6BE621 6BE622 6BE623 6BE624 6BE625 6BE626 6BE627 6BE628 6BE629 6BE630 6BE631 6BE632 6BE633 6BE634 6BE635 6BE636 6BE637 6BE638 6BE639 6BE640 6BE641 6BE642 6BE643 6BE644 6BE645 6BE646 6BE647 6BE648 6BE649 6BE650 6BE651 6BE652 6BE653 6BE654 6BE655 6BE656 6BE657 6BE658 6BE659 6BE660 6BE661 6BE662 6BE663 6BE664 6BE665 6BE666 6BE667 6BE668 6BE669 6BE670 6BE671 6BE672 6BE673 6BE674 6BE675 6BE676 6BE677 6BE678 6BE679 6BE680 6BE681 6BE682 6BE683 6BE684 6BE685 6BE686 6BE687 6BE688 6BE689 6BE690 6BE691 6BE692 6BE693 6BE694 6BE695 6BE696 6BE697 6BE698 6BE699 6BE700

6BE701 6BE702 6BE703 6BE704 6BE705 6BE706 6BE707 6BE708 6BE709 6BE710 6BE711 6BE712 6BE713 6BE714 6BE715 6BE716 6BE717 6BE718 6BE719 6BE720 6BE721 6BE722 6BE723 6BE724 6BE725 6BE726 6BE727 6BE728 6BE729 6BE730 6BE731 6BE732 6BE733 6BE734 6BE735 6BE736 6BE737 6BE738 6BE739 6BE740 6BE741 6BE742 6BE743 6BE744 6BE745 6BE746 6BE747 6BE748 6BE749 6BE750 6BE751 6BE752 6BE753 6BE754 6BE755 6BE756 6BE757 6BE758 6BE759 6BE760 6BE761 6BE762 6BE763 6BE764 6BE765 6BE766 6BE767 6BE768 6BE769 6BE770 6BE771 6BE772 6BE773 6BE774 6BE775 6BE776 6BE777 6BE778 6BE779 6BE780 6BE781 6BE782 6BE783 6BE784 6BE785 6BE786 6BE787 6BE788 6BE789 6BE790 6BE791 6BE792 6BE793 6BE794 6BE795 6BE796 6BE797 6BE798 6BE799 6BE800

6BE801 6BE802 6BE803 6BE804 6BE805 6BE806 6BE807 6BE808 6BE809 6BE810 6BE811 6BE812 6BE813 6BE814 6BE815 6BE816 6BE817 6BE818 6BE819 6BE820 6BE821 6BE822 6BE823 6BE824 6BE825 6BE826 6BE827 6BE828 6BE829 6BE830 6BE831 6BE832 6BE833 6BE834 6BE835 6BE836 6BE837 6BE838 6BE839 6BE840 6BE841 6BE842 6BE843 6BE844 6BE845 6BE846 6BE847 6BE848 6BE849 6BE850 6BE851 6BE852 6BE853 6BE854 6BE855 6BE856 6BE857 6BE858 6BE859 6BE860 6BE861 6BE862 6BE863 6BE864 6BE865 6BE866 6BE867 6BE868 6BE869 6BE870 6BE871 6BE872 6BE873 6BE874 6BE875 6BE876 6BE877 6BE878 6BE879 6BE880 6BE881 6BE882 6BE883 6BE884 6BE885 6BE886 6BE887 6BE888 6BE889 6BE890 6BE891 6BE892 6BE893 6BE894 6BE895 6BE896 6BE897 6BE898 6BE899 6BE900

6BE901 6BE902 6BE903 6BE904 6BE905 6BE906 6BE907 6BE908 6BE909 6BE910 6BE911 6BE912 6BE913 6BE914 6BE915 6BE916 6BE917 6BE918 6BE919 6BE920 6BE921 6BE922 6BE923 6BE924 6BE925 6BE926 6BE927 6BE928 6BE929 6BE930 6BE931 6BE932 6BE933 6BE934 6BE935 6BE936 6BE937 6BE938 6BE939 6BE940 6BE941 6BE942 6BE943 6BE944 6BE945 6BE946 6BE947 6BE948 6BE949 6BE950 6BE951 6BE952 6BE953 6BE954 6BE955 6BE956 6BE957 6BE958 6BE959 6BE960 6BE961 6BE962 6BE963 6BE964 6BE965 6BE966 6BE967 6BE968 6BE969 6BE970 6BE971 6BE972 6BE973 6BE974 6BE975 6BE976 6BE977 6BE978 6BE979 6BE980 6BE981 6BE982 6BE983 6BE984 6BE985 6BE986 6BE987 6BE988 6BE989 6BE990 6BE991 6BE992 6BE993 6BE994 6BE995 6BE996 6BE997 6BE998 6BE999 6BE1000

SOURCE OPERATING CONDITIONS

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Published test conditions and operating points. Values on this page are preserved as reported by this source.

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Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament Voltage v.c.evnronevsoccovanosons	10 V	Filament Voltage v.c.evnronevsoccovanosons 10 Volts
Filament Current, ... et ieseaenssnseao e .-na	3.2 A	Filament Current, ... et ieseaenssnseao e .-na 3.2% Amperes
Amplification Factor...ucuccvveneeionsocanceresnsco	3 A	Amplification Factor...ucuccvveneeionsocanceresnsco 3%
, ...co0vocevrvvcvccorvons	3 pF	, ...co0vocevrvvcvccorvons 3 uuf
Capacitance, Grid-Filament, ... e icioicnsesnncoasa	2.4 pF	Capacitance, Grid-Filament, ... e icioicnsesnncoasa 2.4 uuf
Plate Volts, D=C, Jnfilterel. .. -« . c:rc cnoescunonccancae	3000 V	Plate Volts, D=C, Jnfilterel. .. -« . c:rc cnoescunonccancae 3000
Plate Volts and Input for	0 V	Plate Volts and Input for 15 MC. 0. cirscncece
Plate Volts and Input for	805 V	Plate Volts and Input for 30 M. ceurovnevecionovecvocan 805
Plate Volts and Input For	60 V	Plate Volts and Input For 60 MO, ...cereonrovoncaorcans 60%
Grid Volts, D-C. ... rieiicennocrvoreacennns er e ouen	0 V	Grid Volts, D-C. ... rieiicennocrvoreacennns er e ouen -5/00
Grid Volts, ReFo.oueinovnnnnnnnnnnnn.. e et	750 V	Grid Volts, ReFo.oueinovnnnnnnnnnnnn.. e et 750
Plate Volts, A~C, BMS	3000 V	Plate Volts, A~C, BMS.....0cvsuncocnasae.. PO00 2500 3000
Plate Volts, D~C, Unfiltered.....- coeee s	2700 V	Plate Volts, D~C, Unfiltered.....- coeee s 1800 2250 2700

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Dissipation Watte.. o	110 W	Plate Dissipation Watte.. o:000:0.000.. 110 110 110
Grid Volte, DaCl .. o.cniivevocarncrosncsnca =D	175 V	Grid Volte, DaCl .. o.cniivevocarncrosncsnca =D -100 <175
Grid Volte, R=F, Peak...ecccovaroe -, s	300 V	Grid Volte, R=F, Peak...ecccovaroe -, s 250 250 300

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