# Announcing 4 ...FOR FM AND TELEVISION

They're New!
They're Tops!

Designed and developed by General Electric, these new nine-pin miniatures are keyed to the requirements of advanced FM and Television receiving sets scheduled for early production by radio manufacturers.

Multi-unit design permits increased flexibility of circuit application, broadening the usefulness of the tubes. In size—seated height 115/16 inches—they are true miniatures, with the advantage which this brings to the electronic designer who must pack maximum receiver performance into minimum compass.

Pin-to-pin spacing is the same as with sevenpin types—made possible by a slight increase in base diameter. Both electrically and in length of service life, these fine new miniature tubes give performance which is convincing proof of their modern, efficient design and precision methods of manufacture.

Complete descriptive data is available to radio builders and circuit designers interested in applying G.E.'s new nine-pin miniatures to sets now on their boards. Also, G-E tube engineers will be glad to cooperate personally in selecting the right tubes for your commercial receiver or other electronic unit in the planning stage. Wire or write Electronics Department, General Electric Company, Schenectady 5, N. Y.



**6T8** 

High-pervence triple-diode triode with 6.3-v, 450-ma heater. For use as a radio defector and audio amplifier in FM and Television receivers.

19T8

High-pervearce triple-dioder triode, with 18.9-y, 150-ma heater, For FM and Television service as a radio detector and outlo amplifiers

**12AT7** 

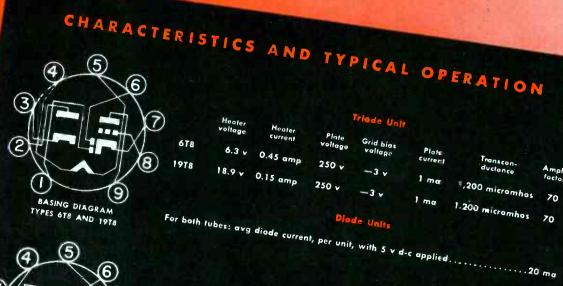
High-transconductance double thiode. Used primarily as a converter in EM and Televisian receiver applications. Center-tapped heater permits use of the tube either in a-c/discreteivers or in receivers with a 6.3% heater supply.

**12AU7** 

General-pupase double triode (its octal-series prototype is the 6SN7-GT). Center-tapped heater allows use either in a-c/d-c receivers or in sets with a 6.3-v heater supply. Chief applications are as a multi-vibrator and for special service in Television receivers and industrial-control panels.

# Nine-Pin Miniatures

### RECEIVER APPLICATIONS





BASING DIAGRAM TYPES 12ATT AND 12AUT

12AT7	series	Parallel 6 3	current,	Healer current, para!lel	Plate Valtage	Grid bias valtage	Plate	TCD:	Amplif. factor
). •						<b>J</b> .3 V	0.5 ma	2,200 micromho	17

Proof of G-E tube-design leadership is this great new series of nine-pin miniatures! The dealer who handles General Electric tubes, the radio service-man who installs them, both know that their G-E product marches to the quickstep of today's electronic progress. With G-E tubes you may PROFIT by servicing the new AM, FM, and Television receivers which the public today is buying in increasing volume. Stay well ahead of your competition by installing and selling General Electric radio tubes-design leaders in the electronic-tube field!

## **GENERA**



**ELECTRIC** 

FIRST AND GREATEST NAME IN ELECTFONICS