Hygrade Sylvania CORPORATION

TECHNICAL DATA

Sylvania 2 Volt "G" Tubes

A new group of 2 volt tubes, consisting of eight types, is now made available by Hygrade Sylvania Corporation. These tubes are identical with some of the more popular 2 volt standard glass tubes, with the exception of the bases and top caps. The bases are of the octal type with locating lug and the top caps are of the miniature style. The ST-12 size of bulb is used for this group with the exception of Type 1F5G which is enclosed in an ST-14 bulb.

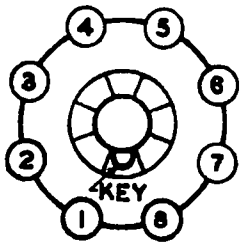
The characteristics, operating conditions, and circuit application of these tubes are identical to equivalent standard 2 volt glass tubes with the exception of the filament current for Type 1J6G. The filament current for this type is 240 milliamperes as compared to 260 milliamperes for the equivalent Type 19. Reference, therefore, may be made to data on equivalent glass tubes for additional information on this group of "G" tubes. Ballast tubes equipped with octal type bases will be made available to handle the requirements for various combinations of these new tubes and dial lamps.

It will be noted, in the base pin arrangement, that pin number 1 is open, having no connection. It is suggested that the contact for that pin be grounded, thus providing future means for metal tube replacement, if desired. The other open pins located on the bases are provided for uniformity in bases and not for future purposes.

The following table lists the complete 2 volt "G" group, showing base pin arrangements and equivalent standard glass types. Additional data may be obtained by referring to the data on equivalent types in the Sylvania Technical Manual.

OCTAL BASE "G" TYPES	EQUIVALENT TYPE	BASE PIN ARRANGEMENT 1	2	3	4	5	6	7	8	TOP CAP
1C7G	1C6	NC	F+	P	G_3G_5	G_1	G_2	F-	NC	G_4
1D5G	1A4	NC	F+	P	G_2	NC	--	F-	NC	G_1
1D7G	1A6	NC	F+	P	G_3G_5	G_1	G_2	F-	NC	G_4
1E5G	1B4	NC	F+	P	G_2	NC	--	F-	NC	G_1
1F5G	1F4	NC	F+	P	G_2	G_1	--	F-	NC	--
1H4G	30	NC	F+	P	NC	G_1	--	F-	NC	--
1H6G	1B5/25S	NC	F+	P	D(+)	D(-)	G	F-	NC	--
1J6G*	19	NC	F+	P_1	G_1	G_2	P_2	F-	NC	--

*Filament Current 240 milliamperes as compared to 260 milliamperes for Type 19.



Bottom View of Base

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