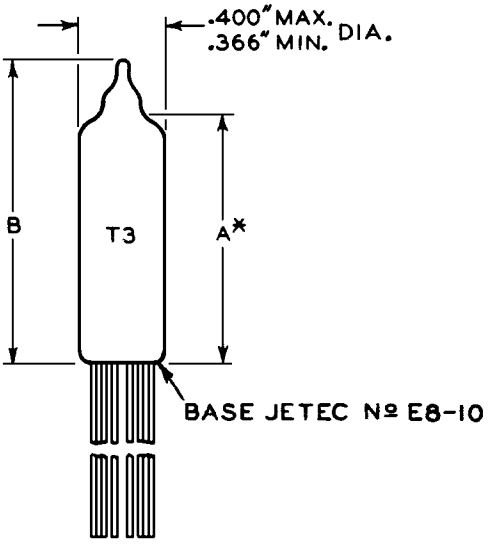
OUTLINES—Glass Tubes

SUBMINIATURE--Flexible-Lead Types



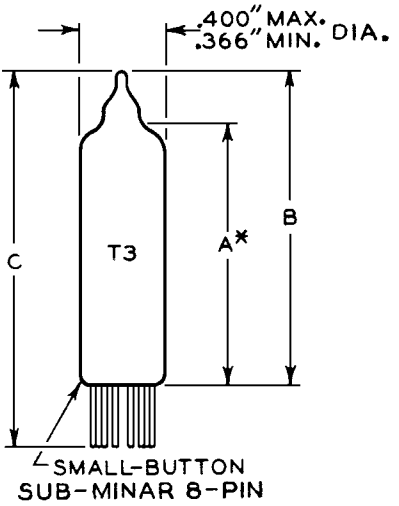
OUTLINE JETEC No.	DIMENSION	
	A ± 0.060 INCHES	B Max. INCHES
3-1	1.075	1.375
3-2	1.200	1.500
3-3	1.450	1.750
3-4	1.700	2.000
3-8	1.325	1.625
3-11	0.950	1.250

* Measured from base seat to bulb-top line as determined by a ring gauge of 0.210" ± 0.001" inside diameter.

ELECTRON TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

OUTLINES—Glass Tubes

SUBMINIATURE--Small-Button Sub-Minar 8-Pin Base Types

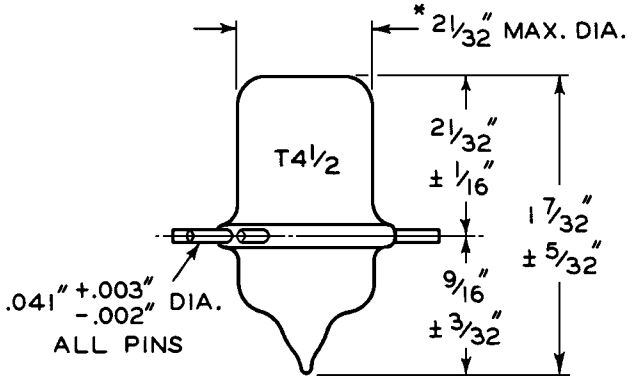


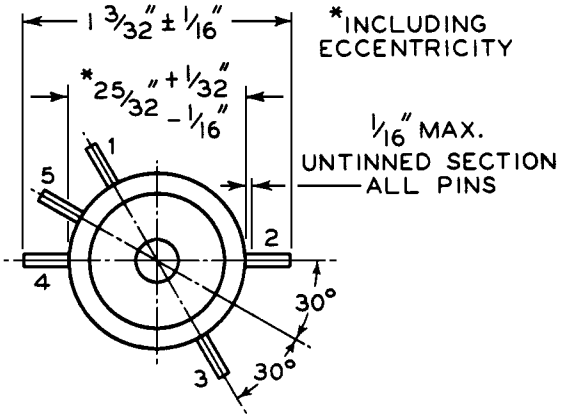
OUTLINE JETEC No.	DIMENSION		
	A ± 0.060 INCHES	B Max. INCHES	C Max. INCHES
3-5	1.200	1.500	1.750
3-9	1.075	1.375	1.625
3-10	1.450	1.750	2.000
3-12	0.950	1.125	1.500
3-13	1.325	1.625	1.875
3-14	1.575	1.875	2.125
3-15	1.700	2.000	2.250

* Measured from base seat to bulb-top line as determined by a ring gauge of 0.210" ± 0.001" inside diameter.

ELECTRON TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

ACORN--Radial 5-Pin Base Type



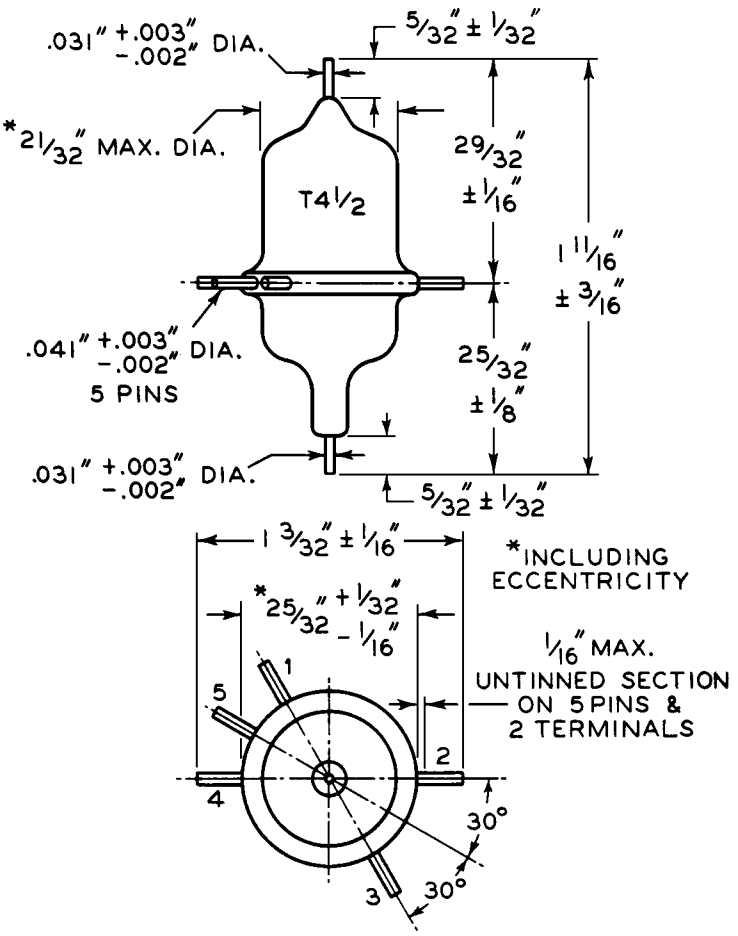


JETEC No.4-1

For additional socket design information, see back of "Outlines 3" sheet

OUTLINES — Glass Tubes

ACORN--Radial 5-Pin Base Type with End Terminals

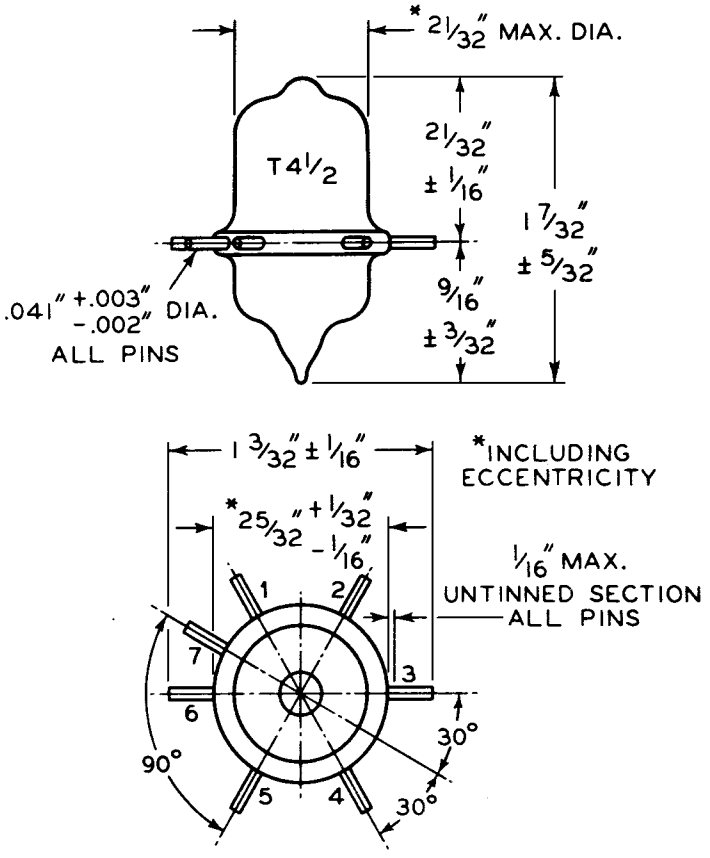


JETEC No.4-3

For additional socket design information, see back of "Outlines 3" sheet

TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

ACORN--Radial 7-Pin Base Type



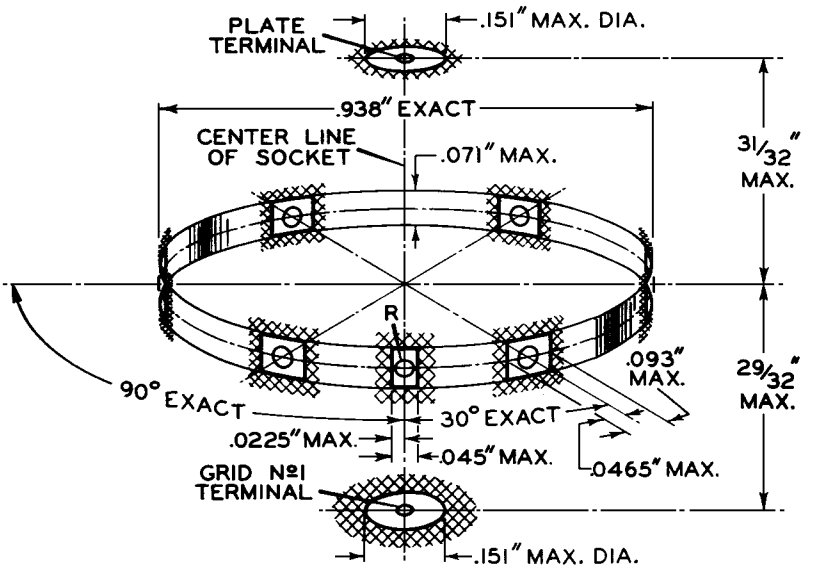
JETEC No.4-2

For additional socket design information, see back of this sheet

ACORN TYPES

MAXIMUM PIN AND TERMINAL VARIATIONS AT SOCKET CLIPS AND TERMINAL CONNECTORS

ESSENTIAL DIMENSIONS FOR SOCKET DESIGN



Reference Pin (R)

Base Type	*Pin No.**
Radial 5-Pin	5
Radial 5-Pin with End Terminals	5
Radial 7-Pin	7

The above composite diagram shows the ideal positions of radial-pin cross-sections at socket clips located on a circle of 0.938" diameter, as well as end-terminal cross-sections at terminal ends.

The areas within the cross-hatching show actual variations of radial-pin and end-terminal cross-sections, and indicate the maximum variations which socket clips and terminal connectors should accommodate.

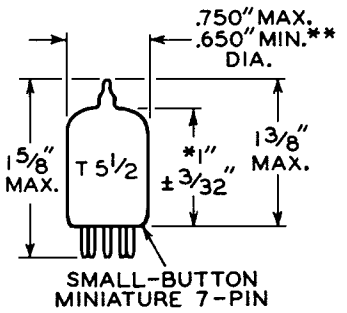
The clear area for pin position R is narrower than the others because pin position R is used as a reference for the other pins.

Sockets should be designed so that the maximum diametric clearance between socket clips is never less than 0.850".

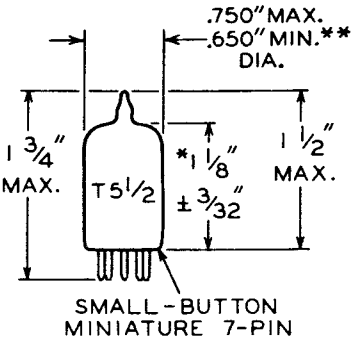
* For pin numbering of each of these bases, see respective Dimensional Outline on preceding pages.

TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

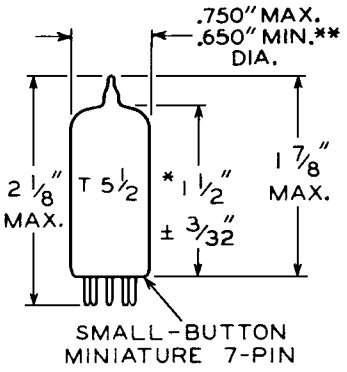
MINIATURE—Miniature 7-Pin Base Types



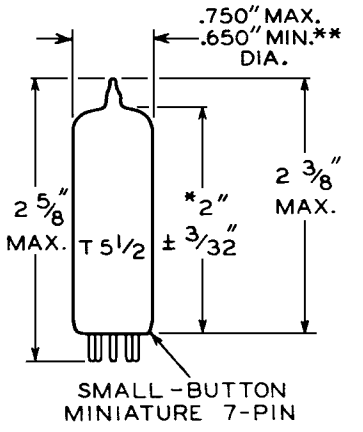
JETEC No. None



JETEC No. 5-1



JETEC No. 5-2



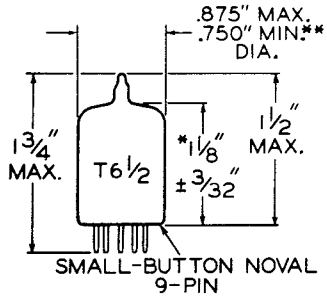
JETEC No. 5-3

* Measured from base seat to bulb-top line as determined by ring gauge of 7/16" inside diameter.

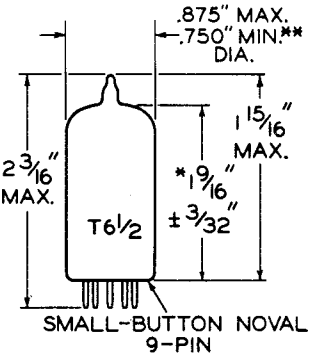
** Applies in zone starting 0.375" from base seat.

OUTLINES — Glass Tubes

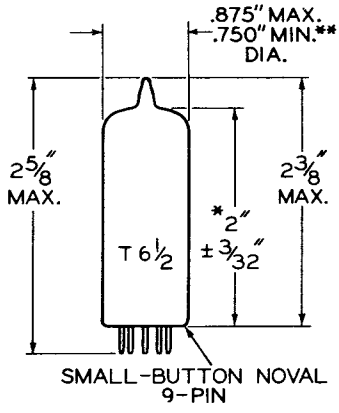
MINIATURE—Noval 9-Pin Base Types



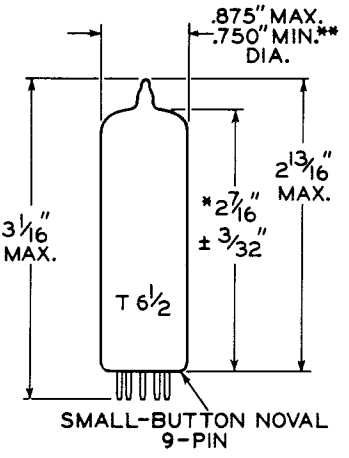
JETEC No. 6-1



JETEC No. 6-2



JETEC No. 6-3



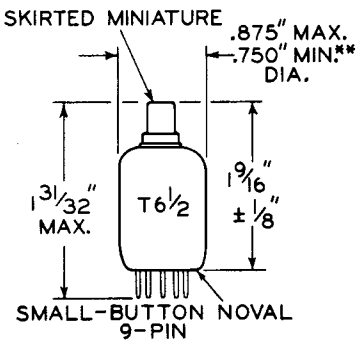
JETEC No. 6-4

* Measured from base seat to bulb-top line as determined by ring gauge of 7/16" inside diameter.

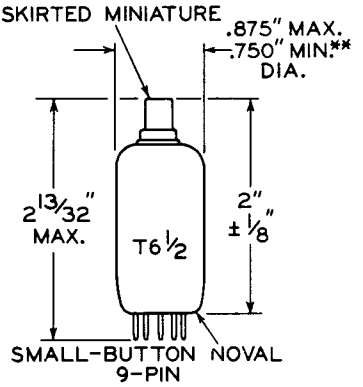
** Applies in zone starting 0.375" from base seat.

OUTLINES—Glass Tubes

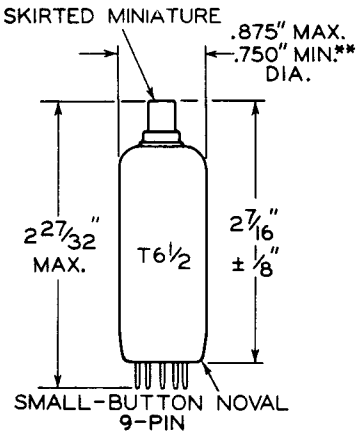
MINIATURE—Noval 9-Pin Base Types



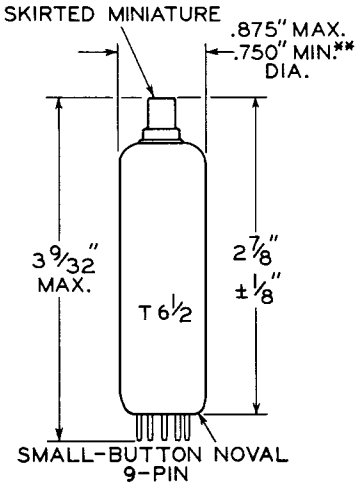
JETEC No. 6-5



JETEC No. 6-6



JETEC No. 6-7



JETEC No. 6-8

** Applies in zone starting 0.375" from base seat.

ELECTRON TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

OUTLINES—Glass Tubes

GLASS OCTAL--Octal Base Types with T9 Bulbs

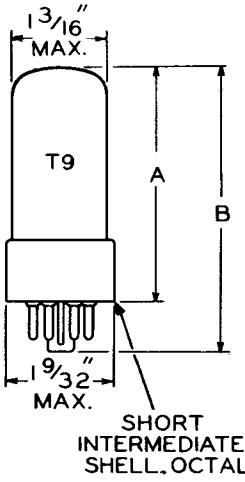


Fig. 1

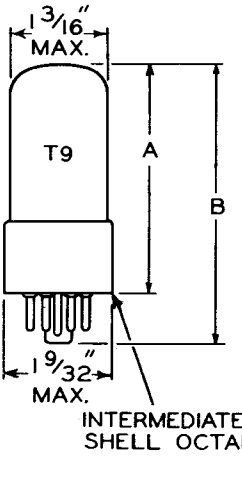


Fig. 2

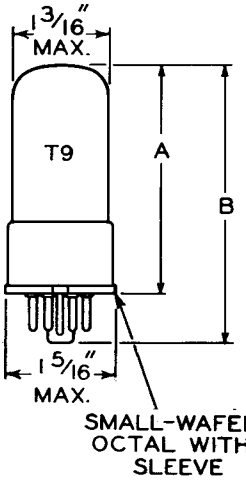
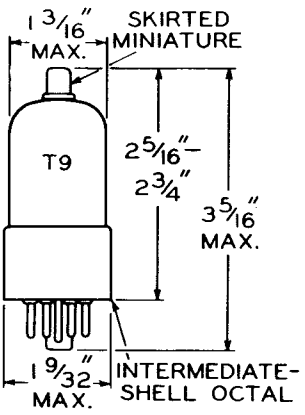
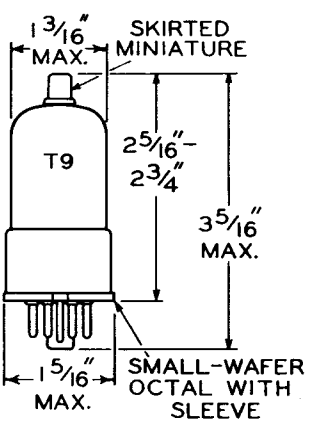


Fig. 3

OUTLINE			DIMENSION	
JETEC No.			A Max. INCHES	B Max. INCHES
Fig. 1	Fig. 2	Fig. 3		
–	9-1	–	1-3/4*	2-5/16
–	9-7	–	2-1/2	3-1/16
9-41	9-11	9-12	2-3/4	3-5/16
–	9-13	–	2-13/16	3-3/8
–	9-15	–	2-7/8	3-7/16
–	9-33	–	3-1/4	3-13/16



JETEC No. 9-17



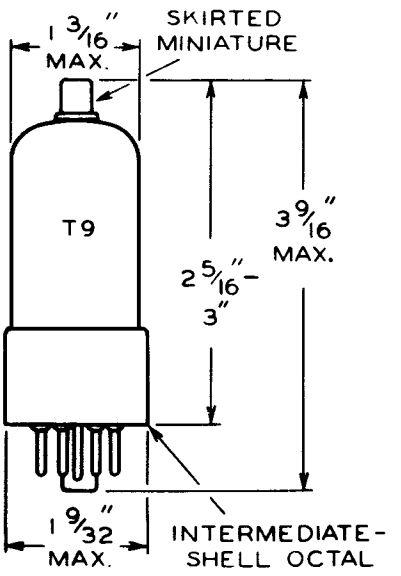
JETEC No. 9-18

* For electron-ray tubes, the seated height is 1-11/16" + 1/16" – 1/4".

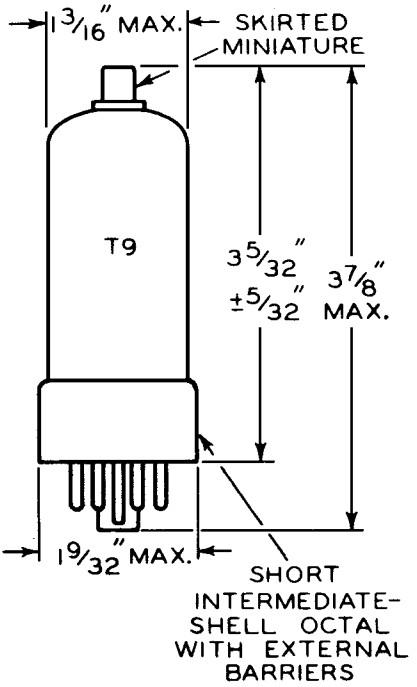
TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

OUTLINES—Glass Tubes

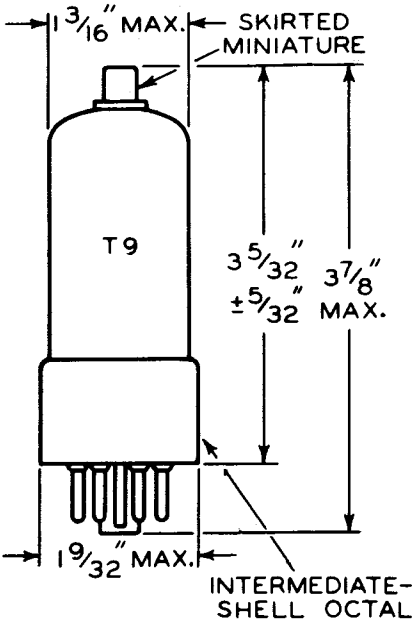
GLASS OCTAL--Octal Base Types with T9 Bulbs



JETEC No. 9-23



JETEC No. None



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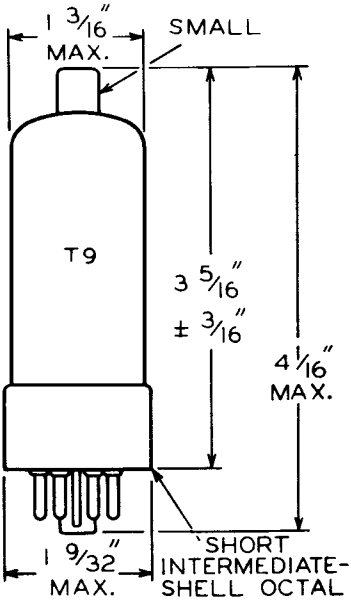
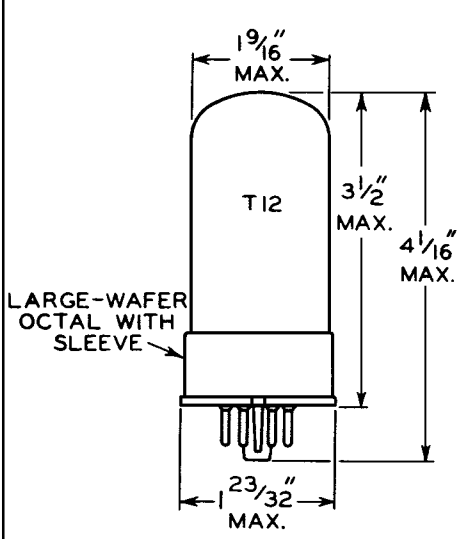


JETEC No. 9-51

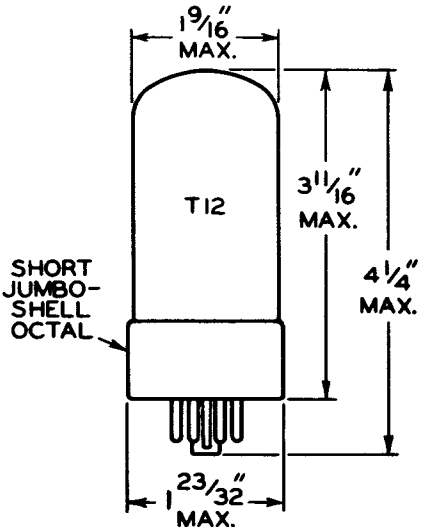
TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

OUTLINES—Glass Tubes

GLASS OCTAL--Octal Base Types with T12 Bulbs



JETEC No. None



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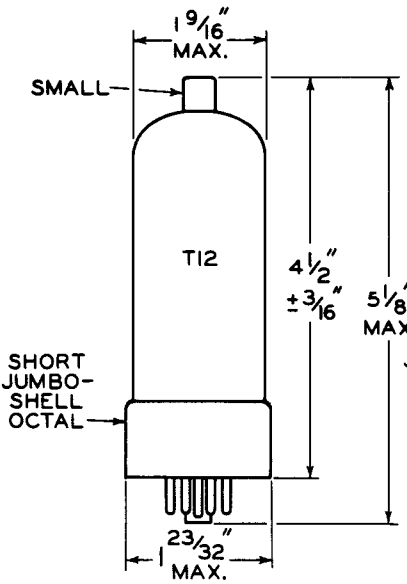
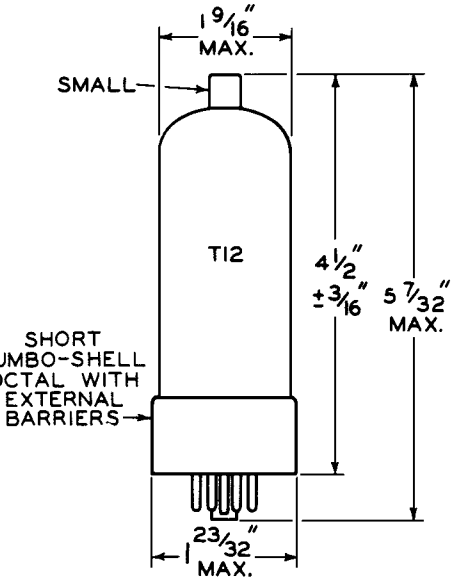


JETEC No. None

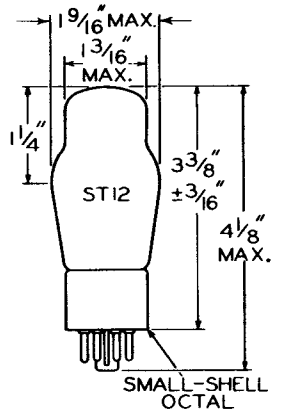


JETEC No. None

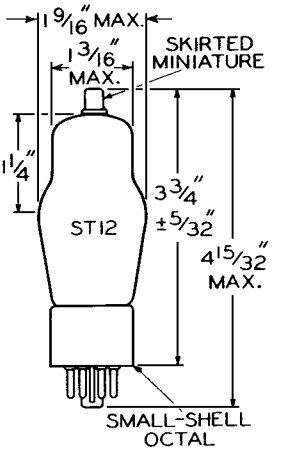
TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

OUTLINES—Glass Tubes

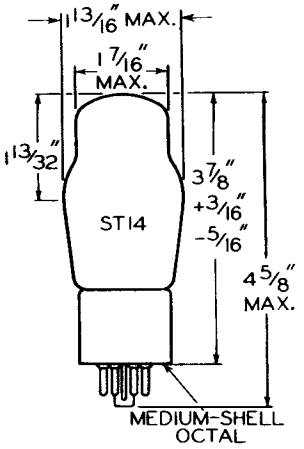
GLASS OCTAL--Octal Base Types with ST Bulbs



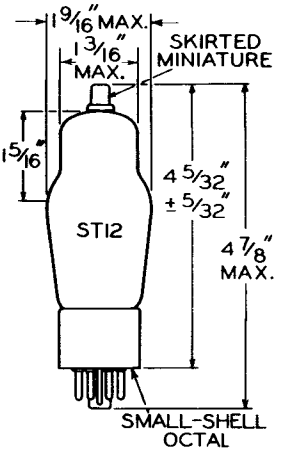
JETEC No. 12-7



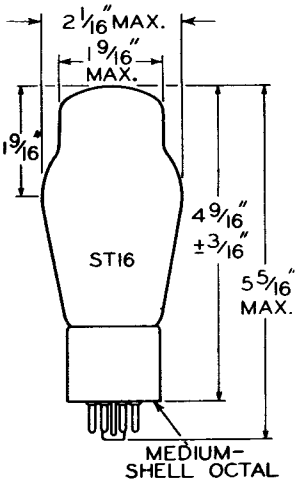
JETEC No. 12-8



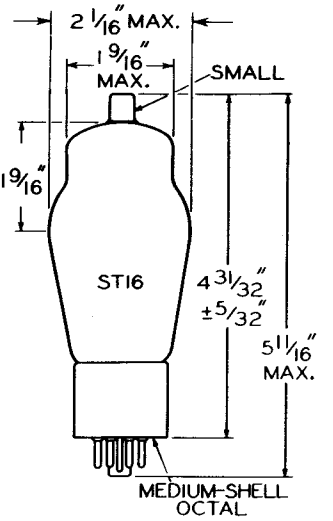
JETEC No. 14-3



JETEC No. None



JETEC No. 16-3

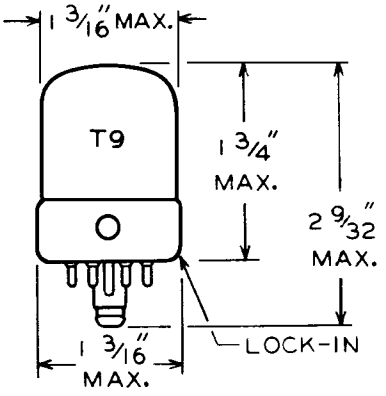


JETEC No. 16-5

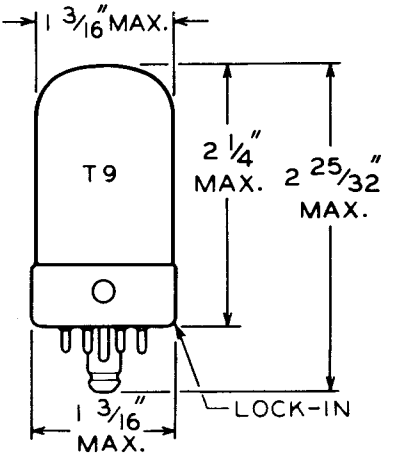
TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

OUTLINES – Glass Tubes

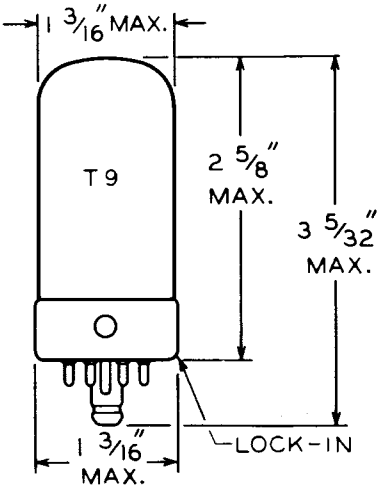
LOCK-IN--Lock-In 8-Pin Base Types



JETEC No. 9-32



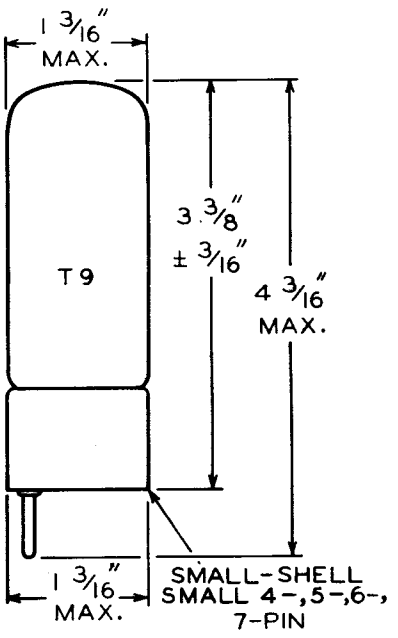
JETEC No. 9-30



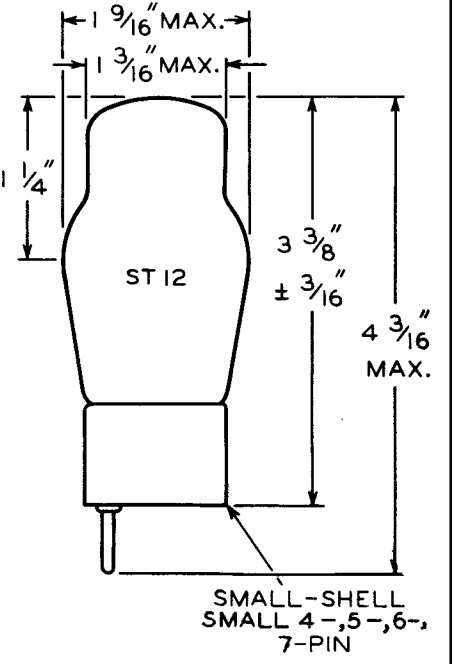
JETEC No. 9-31

OUTLINES—Glass Tubes

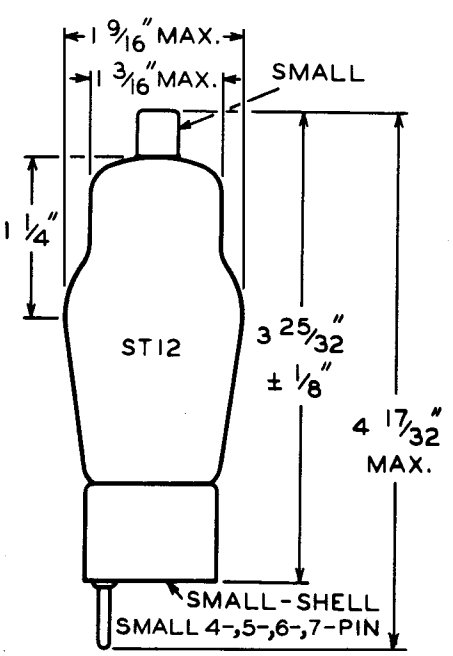
SMALL 4-PIN, SMALL 5-PIN, SMALL 6-PIN, & SMALL 7-PIN BASE TYPES



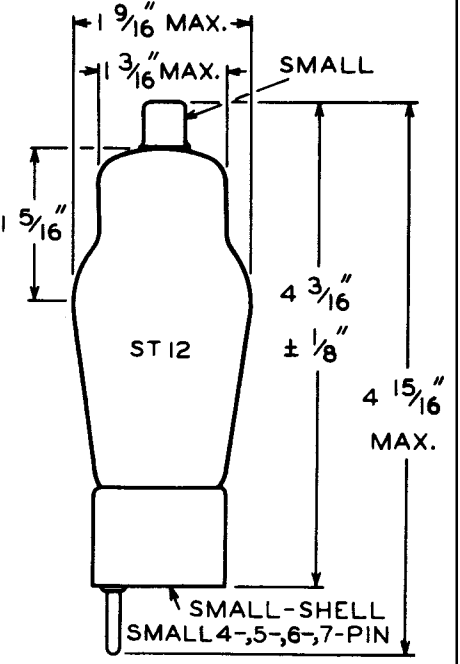
JETEC No. 9-26



JETEC No. 12-5



JETEC No. 12-6

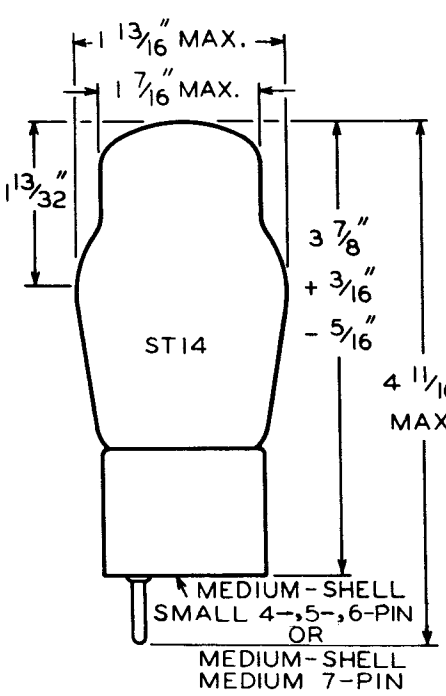


JETEC No. 12-2

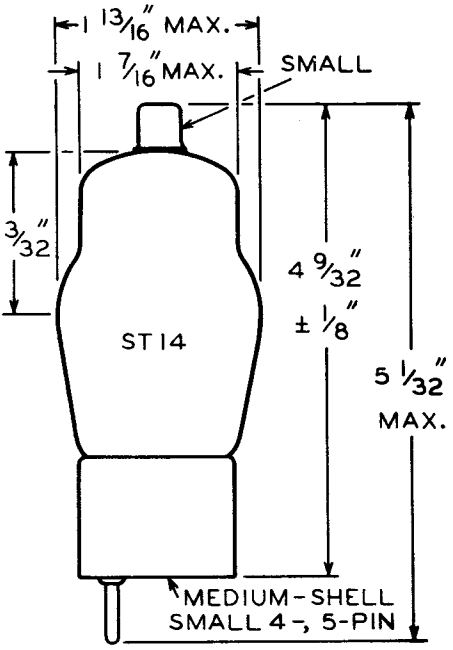
TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

OUTLINES—Glass Tubes

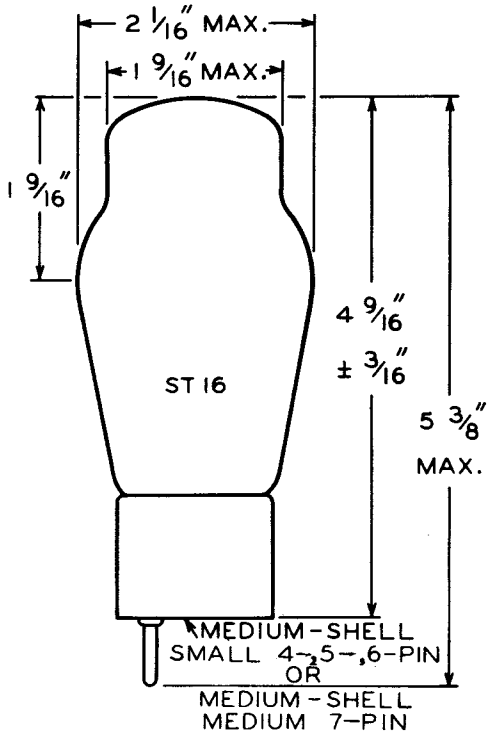
SMALL 4-PIN, SMALL 5-PIN, SMALL 6-PIN, & MEDIUM 7-PIN BASE TYPES



JETEC No. 14-1



JETEC No. 14-2

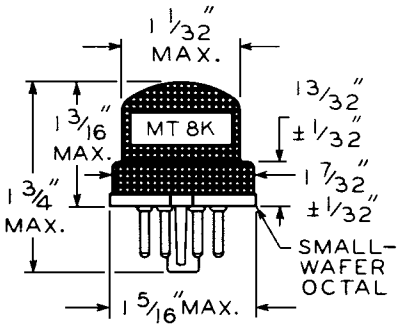


JETEC No. 16-1

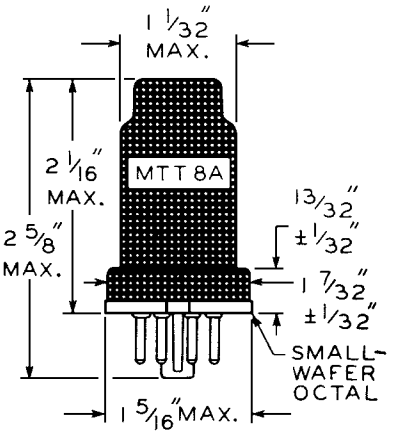
TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

OUTLINES — Metal Tubes

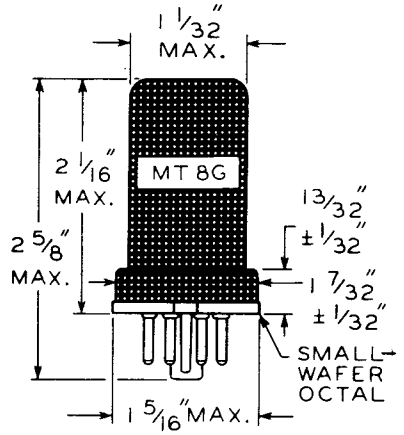
For correlation of
TUBE TYPE, ENVELOPE DESIGNATION, & OUTLINE No.,
see KEY on back of this sheet



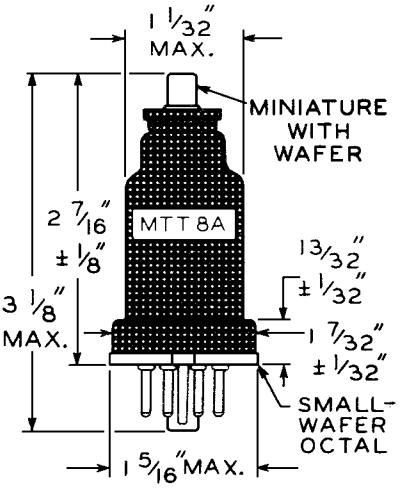
JETEC No.8-5



JETEC No.8-3



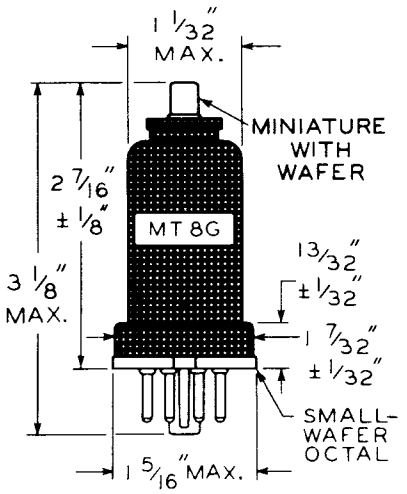
JETEC No.8-1



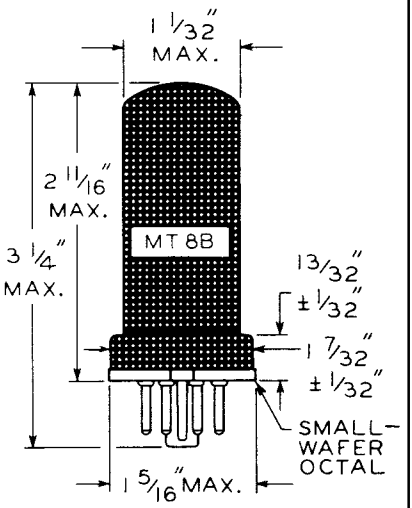
JETEC No.8-4

TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

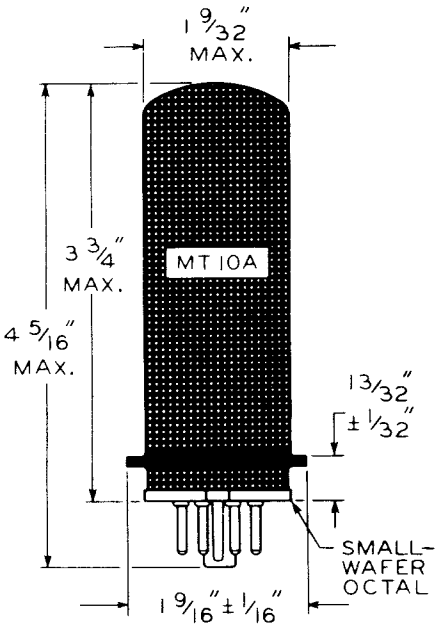
For correlation of
TUBE TYPE, ENVELOPE DESIGNATION, & OUTLINE No.,
see KEY on back of this sheet



JETEC No. 8-2



JETEC No. 8-6



JETEC No. 10-1

OUTLINES — Metal Tubes

KEY

Type No.	*Envelope Designation*	*Outline Jetec No.*
0Z4	MTT8A	8–3
5T4	MT10A	10–1
5W4	MT8B	8–6
5Z4	MT8B	8–6
6A8	MTT8A	8–4
6AB7	MT8G	8–1
6AC7	MT8G	8–1
6AG7	MT8B	8–6
6B8	MTT8A	8–4
6C5	MT8G	8–1
6F5	MTT8A	8–4
6F6	MT8B	8–6
6H6	MT8K	8–5
6J5	MT8G	8–1
6J7	MTT8A	8–4
6K7	MTT8A	8–4
6K8	MT8G	8–2
6L6	MT10A	10–1
6L7	MTT8A	8–4
6N7	MT8B	8–6
6Q7	MTT8A	8–4
6R7	MTT8A	8–4
6S7	MT8G	8–2
6SA7	MT8G	8–1
6SB7–Y	MT8G	8–1
6SC7	MT8G	8–1
6SF5	MT8G	8–1
6SF7	MT8G	8–1
6SG7	MT8G	8–1
6SH7	MT8G	8–1
6SJ7	MT8G	8–1
6SK7	MT8G	8–1
6SQ7	MT8G	8–1
6SR7	MT8G	8–1
6SS7	MT8G	8–1
6ST7	MT8G	8–1
6SZ7	MT8G	8–1
6V6	MT8B	8–6
6X5	MT8B	8–6
12A6	MT8B	8–6
12C8	MTT8A	8–4
12H6	MT8K	8–5
12K8	MT8G	8–2
12SA7	MT8G	8–1
12SC7	MT8G	8–1
12SF5	MT8G	8–1
12SF7	MT8G	8–1
12SG7	MT8G	8–1
12SH7	MT8G	8–1
12SJ7	MT8G	8–1
12SK7	MT8G	8–1
12SQ7	MT8G	8–1
12SR7	MT8G	8–1
12SW7	MT8G	8–1
12SY7	MT8G	8–1
25A6	MT8B	8–6
25L6	MT8B	8–6
25Z6	MT8B	8–6
502–A	MT8G	8–1
1611	MT8B	8–6
1612	MTT8A	8–4
1613	MT8B	8–6
1614	MT10A	10–1
1619	MT10A	10–1
1620	MTT8A	8–4
1621	MT8B	8–6
1622	MT10A	10–1
1631	MT10A	10–1
1632	MT8B	8–6
1634	MT8G	8–1
5693	MT8G	8–1