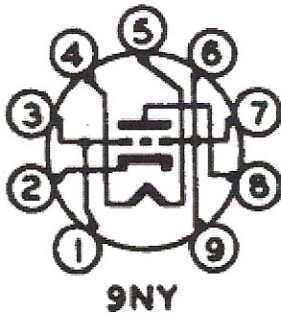


**6DL4
High-Mu Triode**

Base & Bulb (CC-363)



Substitute Data

Preferred Substitutes 8255

Application

Miniature type used as rf grounded grid amplifier in UHF tuners.
Requires miniature 9-contact socket.

Mechanical Data

Bulb	T-6 1/2
Base	Miniature Button 9-Pin
Maximum Overall Length	1.968 In.
Maximum Seated Height	1.718 In.
Maximum Diameter	0.875 In.
EIA Base	9NY

Electrical Data

Heater Voltage	6.3 V
Heater Current	0.18 A

Direct Interelectrode Capacitances (approx)

Triode

Input	3.8 pf
Output	0.055 pf
Grid to Plate	1.7 pf

Maximum Ratings (Design Center Values)

Triode

Plate Voltage	230 V
Plate Dissipation	2.0 W

Characteristics and Typical Operation

Class A Amplifier

Plate Voltage	160 V
Grid No. 1 Voltage Derived from	
Cathode Bias Resistor	100 Ω
Amplification Factor	65
Transconductance	13500 μS
Plate Current	12.5 mA

Characteristics and Typical Operation

Class A Amplifier

Plate Voltage	160 V
Grid No. 1 Voltage	-1.25 V
Amplification Factor	65
Transconductance	13500 μS
Plate Current	12.5 mA