



TWIN-TRIODE AMPLIFIER

i			ı
Heater	ntial Cathodes		
Voltage 6	.3 a-	-c or d-	c volts
	.6	_	amp.
Direct Interelectrode Capacita	inces (Approx.):)	
friode Unit f ₁ friode Unit f ₂			
Grid to Plate 3.	8	3.2	μμf
Grid to Cathode 3.	2	1.9	μμf
Plate to Cathode 1.	0	1.9	μμf
Maximum Overall Length		4-	-15/32"
Maximum Seated Height			-29/32"
Maximum Diameter			1-9/16"
Bulb			ST-12
Cap	Ski	rted Mi	niature
Base	Small She	ell Octa	18-Pin
Pin 1 - No Connection @_	S Pin 6	-Plate	T ₁
Pin 2-Heater	Pin 7	7 - Heate	r -
Pin 3-Plate T ₂	Pin 8	3 - Catho	de T₁ 📗
Pin 4 - Cathode T ₂	Cap	-Grid	T_2 T_1
Pin 5 - Grid T ₁	(8)		2
1 ta - 1 t -	EW (G-8G)		Any
BOTTOM VI			
For convenience, one triode unit is identified as \mathbf{I}_1 ; the other as \mathbf{I}_2			
Maximum And Minimum Ratings Are Design-Center Values			
Maximum And Minimum Rating	•		~ 1
į –	s Are Design-Cer		~ 1
AMPLIFIER -	•	iter Val	ues
Plate Voltage AMPLIFIER	s Are Design-Cer	iter Val: 300 max	ues . volts
AMPLIFIER- Plate Voltage Grid Voltage	s Are Design-Cer	300 max 0 min	ues . volts . volts
Plate Voltage Grid Voltage Plate Dissipation	s Are Design-Cen -Each Unit	iter Val: 300 max	ues . volts . volts
AMPLIFIER- Plate Voltage Grid Voltage Plate Dissipation Characteristics — Class A ₁ Amp	s Are Design-Cen -Each Unit lifier:	300 max 0 min 2.5 max	ues . volts . volts
AMPLIFIER- Plate Voltage Grid Voltage Plate Dissipation Characteristics — Class A ₁ Amp	s Are Design-Cen -Each Unit lifier: 90	300 max 0 min	volts volts watts
Plate Voltage Grid Voltage Plate Dissipation Characteristics — Class A, Amp Plate Grid	s Are Design-Cen -Each Unit lifier: 90 0	300 max 0 min 2.5 max 250	volts watts
Plate Voltage Grid Voltage Plate Dissipation Characteristics — Class A ₁ Amp Plate Grid Amp. Fact.	s Are Design-Cen -Each Unit lifier: 90 0 20	300 max 0 min 2.5 max 250	volts watts
AMPLIFIER- Plate Voltage Grid Voltage Plate Dissipation Characteristics — Class A ₁ Amp Plate Grid Amp. Fact. Plate Res.	s Are Design-Cen-Each Unit lifier: 90 0 20 6700	300 max 0 min 2.5 max 250 -8 20 7700	volts volts volts volts volts volts
AMPLIFIER- Plate Voltage Grid Voltage Plate Dissipation Characteristics — Class A ₁ Amp Plate Grid Amp. Fact. Plate Res. Transcond.	s Are Design-Cen-Each Unit lifier: 90 0 20 6700	300 max 0 min 2.5 max 250 -8 20	volts volts volts volts
AMPLIFIER- Plate Voltage Grid Voltage Plate Dissipation Characteristics — Class A ₁ Amp Plate Grid Amp. Fact. Plate Res. Transcond. Plate Cur.	s Are Design-Cer -Each Unit lifier: 90 0 20 6700 3000 10	300 max 0 min 2.5 max 250 -8 20 7700 2600	volts volts volts volts volts ohms umhos
Plate Voltage Grid Voltage Plate Dissipation Characteristics — Class A ₁ Amp Plate Grid Amp. Fact. Plate Res. Transcond. Plate Cur. Typical Operation with Resista	s Are Design-Cen-Each Unit lifier: 90 0 20 6700 3000 10 ence Coupling:	300 max 0 min 2.5 max 250 -8 20 7700 2600	volts volts volts volts volts ohms umhos
AMPLIFIER- Plate Voltage Grid Voltage Plate Dissipation Characteristics — Class A ₁ Amp Plate Grid Amp. Fact. Plate Res. Transcond. Plate Cur. Typical Operation with Resista	lifier: 90 0 20 6700 3000 10 since Coupling: FIER CHART.	300 max 0 min 2.5 max 250 -8 20 7700 2600 9	volts volts volts volts volts volts umhos ma.
Plate Voltage Grid Voltage Plate Dissipation Characteristics — Class A ₁ Amp Plate Grid Amp. Fact. Plate Res. Transcond. Plate Cur. Typical Operation with Resistance Resistance—COUPLED AMPLI	lifier: 90 0 20 6700 3000 10 ence Coupling: FIER CHART.	300 max 0 min 2.5 max 250 -8 20 7700 2600 9	volts volts volts volts ohms µmhos ma.
Plate Voltage Grid Voltage Plate Dissipation Characteristics — Class A ₁ Amp Plate Grid Amp. Fact. Plate Res. Transcond. Plate Cur. Typical Operation with Resistance RESISTANCE—COUPLED AMPLI In circuits where the cathode is not the potential difference between the low as possible.	lifier: 90 0 20 6700 3000 10 ence Coupling: FIER CHART.	300 max 0 min 2.5 max 250 -8 20 7700 2600 9	volts volts volts volts ohms µmhos ma.
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Curves under Type 6J5 apply to each unit of the 6F8-G.