

TECHNICAL DATA

11F3

Sylvania

TYPE 11F3

MEDIUM MU TRIODE

RATINGS AND CHARACTERISTICS

Maximum Filament Voltage		
Battery Operation, must never exceed	1.6	Volts
Design Center for AC-DC Power Line Operation	1.3	Volts
Maximum Plate Voltage	110	Volts
Maximum Grid Current at -3 Volts	0.1	ua.
Direct Interelectrode Capacitances:*		
Grid to Plate	1.7	unf.
Input	1.7	unf.
Output	3.0	unf.

*With 1 5/16" diameter shield (RMA Std. M3-308) connected to negative filament.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

Filament Voltage	1.4	1.4	Volts
Filament Current	50	50	Ma.
Plate Voltage	90	90	Volts
Grid Voltage [†]	0	-3	Volts
Plate Current	4.5	1.4	Ma.
Plate Resistance	11,200	19,000	Ohms
Mutual Conductance	1300	760	umhos
Amplification Factor	14.5	14.5	

[†]Negative filament return to Pin No. 8.

CIRCUIT APPLICATION

Sylvania Type 11F3 is a lock-in triode having the same characteristics as Type 11E3, to which reference should be made for curves and resistance coupled amplifier data.

It is intended for applications critical for grid current.

PHYSICAL SPECIFICATIONS

Style	Lock-In
Base	Lock-In 8-Pin
Bulb	T-9
Diameter	1 3/16" Max.
Seated Height	2 1/4" Max.
Overall Length	2 25/32" Max.
Mounting Position	Any

BASE PIN CONNECTIONS

Pin 1	- Positive Filament
Pin 2	- Plate
Pin 3	- No Connection
Pin 4	- No Connection
Pin 5	- Internal Connection
Pin 6	- Grid
Pin 7	- No Connection
Pin 8	- Negative Filament

RMA Basing 4AA-L-0

3/26/48

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from RMA release # 648, April 10, 1948