

# RADIO MANUFACTURERS ASSOCIATION

SUITE 701-4 AMERICAN BUILDING  
1317 F STREET, N.W.  
WASHINGTON, D. C.



R.M.A. DATA BUREAU  
90 West Street  
New York, N. Y.

RMA TYPE  
3C30

Release No. 532

October 25, 1946

Sponsor: Hytron Corp.

HI MU TRIODE

## Physical Specifications

Cathode	Thoriated Tungsten
Base	Medium 4-pin bayonet, low-loss phenolic
Bulb	ST-16
Maximum overall length	5-3/4"
Cap	Small
Maximum diameter	2-1/16"
Basing connections:	
Pin 1 - filament	Pin 3 - control grid
2 - control grid	4 - filament
	Cap - Plate

## Maximum Ratings - Absolute Maximum Values

Filament potential	5.6	± 5%	volts	
Filament current	2.5		amperes	
Plate potential	850		volts	dc
Negative grid bias	-100		volts	dc
Plate current	75		ma	dc
Control grid current	30		ma	dc
Plate dissipation	25		watts	

## Average Characteristics

Filament potential	5.6		volts	ac
Plate potential	600		volts	
Control grid potential	±15		volts	
Plate current	41		ma	dc
Amplification factor	85			
Positive grid current	7		ma	dc
Capacitance-grid to plate	5.8		uuf	
Capacitance-grid to filament	5.4		uuf	
Capacitance-plate to filament	1.3		uuf	

480

