



ELECTRONIC TUBE REFERENCE

3C30

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Hytron 3C30 directly heated high-mu 25 W power triode with thoriated-tungsten 5.6 V 2.5 A filament, 850 V maximum plate voltage, and plate top cap.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	5.6 V / 2.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	85
MAXIMUM PLATE VOLTAGE	850 V
MAXIMUM PLATE DISSIPATION	25 W
MAXIMUM CATHODE CURRENT	75 mA
Hytron 3C30 thoriated-tungsten directly heated high-mu power triode. Absolute maximum plate 850 V DC, plate current 75 mA DC, grid current 30 mA DC, negative grid bias -100 V, plate dissipation 25 W. Typical at V_a 600 V, V_g +15 V: plate current 41 mA, positive grid current 7 mA, μ 85. Grid-plate C 5.8 pF, grid-filament C 5.4 pF, plate-filament C 1.3 pF. No specified conventional gm or rp. Four-pin bayonet: filament pins 1/4, grid pins 2/3, plate small top cap.	

High-mu directly heated triode with an 850-volt absolute maximum plate rating.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1944 Hytron

Published test conditions and operating points. Values on this page are preserved as reported by this source.

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Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	75 mA	—