

ELECTRONIC TUBE REFERENCE

CONSOLIDATED TECHNICAL DATA

10C2

2 SECTIONS

CONSTRUCTION

Voltage Radio Detector Converter electronic tube

DIODE-PENTODE

Combination triode-pentode developed for receiver frequency-changing and related signal-processing service. The pentode performs mixer/converter work while the separate triode supplies local oscillation in series-heater radio designs.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	28 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.004 S
AMPLIFICATION FACTOR	17
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM SCREEN DISSIPATION	0.5 W

SECTION2 Diode	
No fixed ratings recorded.	
Missing diode section added from approved diode-pentode reconciliation; no unsupported electrical values promoted.	

10C2 DiodePentode from Ediswan/Mazda datasheet; full semantic ratings and characteristics audit.