

TPN-3.. Family

Application:

The TPN-30... Family high voltage multipliers are designed to produce the acceleration voltage, focus voltage and second-grid voltage in colour television receivers.

SERVICE RATED PARAMETERS (NOMINAL VALUES):

Input pulse voltage(peak-to-peak value):	8,6kV
Output voltage (U_H)	25±0,5kV
Output current (I_H):	1,5mA
Current of D6 diode (I_{d6})	3,5mA

LIMIT VALUES OF MULTIPLIER PARAMETERS

Input pulse voltage(peak-to-peak value)	10kV
Input pulse voltage(peak-to-peak value) without lead	10kV
Output voltage (U_H):	27,5kV
Output voltage without lead (U_H):	30kV
Output current (I_H):	1,7mA
Maximum current of D6 diode (I_{D6})	4mA
Maximum working temperature:	338K (65°C)
Storage temperature:	248÷343K (-25÷+70°C)
Input capacitance:	<14pF
Input resistance (R_{ps}):	<550k

	TPN-30	4,0÷5,3KV
	TPN-31	6,3÷7,6kV
	TPN-32	5,5÷6,5kV
	TPN-33	7,6÷8,4kV
Focusing range:		

Specifications:

WT-88/1-TPN



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