RETMA Registration Data TYPE 1AQ5/1R5-SF PENTAGRID CONVERTER

MECHANICAL DATA

Cathode
ELECTRICAL DATA
Filament Characteristics Filament voltage (dc)
Direct Interelectrode Capacitance* Signal grid to mixer plate: (g3 to plate) 0.4 uuf max. R.F. Input: g3 to (f, g5+g1+g2,4+p) 7.0 uuf Mixer Output: p to (f, g5+g1+g2,4+g3) 7.5 uuf ** Without external shield
Ratings (Design center values) Maximum plate voltage
Typical Operation Condition and Characteristics** Plate voltage

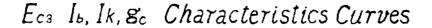
	THE FEDERATION OF JAPAN ELECTRIC	
	COMMUNICATION INDUSTRIAL ASSOCIATIONS	
2/10/56	"Sankei Kaikan" Bldg.	1AQ5/1R5-SF
	3, 1-chome, Ohte-machi, Chiyoda-ku, Tokyo,	
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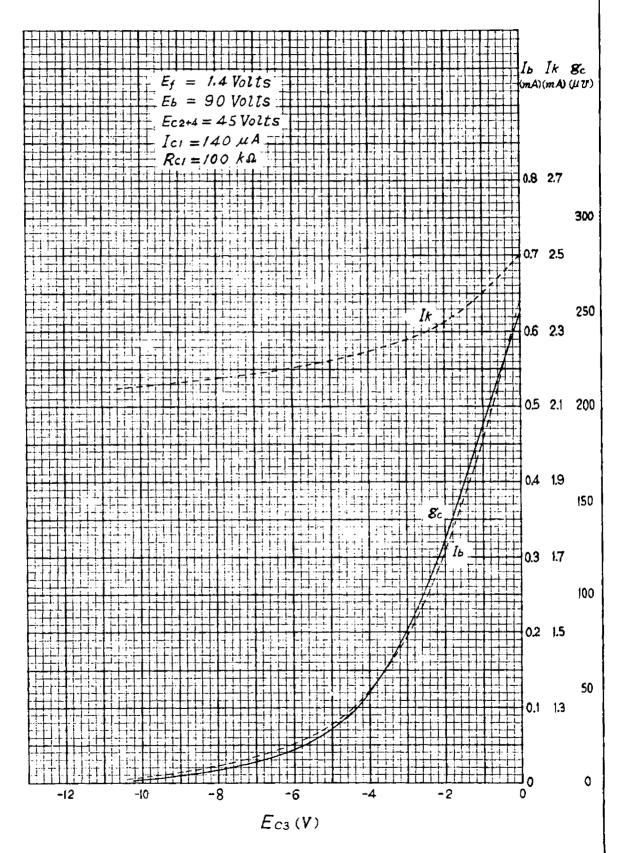
	(approx.)	
Conversion transc	onductance	250 micromhos
Cathode current .	• • • • • • • • • • • • • • • • • • • •	2.5 ma
Plate current		0.64 ma
Grid #1 current .		0.14 ma

**Characteristics shown are obtained in the standard RETMA conversion conductance test set which uses separate excitation.

The characteristics under these conditions correspond very closely with those obtained in a self-excited oscillatory circuit.

1AQ5/1R5-SF





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Ici Ik. & Characteristics Curves

