

| | | | |
|----------|---------|--|---|
| 1 OF 2 | | TMC SPECIFICATION NO. S-625 | C |
| COMPILED | CHECKED | | |
| APPROVED | | TITLE: VOLTAGE-RESISTANCE CHECKS HFI-1 | |
| | | SUPERSEDED - REPLACED BY CH-211, 212, 213, 214, S-722 | |

250KC IF AMPLIFIER

All units except input signal connected, however B+ and filaments turned off for resistance checks.

| PIN NUMBER & FUNCTION | V101-6BA6 | | V102-6CES | | V103-6CE5 | |
|--------------------------|-------------|--------|-------------|--------|-------------|--------|
| | VOLTS DC | RESIS. | VOLTS DC | RESIS. | VOLTS DC | RESIS. |
| 1 CONTROL GRID | 0 | 280K | 0 | 72 | 0 | 6.0 |
| 2 CATHODE & G3 | .98 | 68 | 1.32 | 100 | 3.1 | 430 |
| 3 FILAMENT | 6.3AC | - | 6.3AC | - | 6.3AC | - |
| 4 FILAMENT GROUND | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 PLATE | 144 | 42K | 155 | 39K | 180 | 40K |
| 6 SCREEN GRID | 88 | 62K | 130 | 58K | 160 | 44K |
| 7 CATHODE & G3 | .98 | 68 | 1.32 | 100 | 3.1 | 430 |

12-4-61

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TMC SPECIFICATION NO. S-625

F.R.D.
COMPILED

CHECKED

TITLE: VOLTAGE-RESISTANCE CHECKS

APPROVED

250KC CONVERTOR

All units except **input** signal connected, however B+ and filaments turned off for resistance checks.

V6201-6CM7

V6202-6BA6

V6203-12AX7

PIN NUMBER

| PIN NUMBER | V6201-6CM7 | | V6202-6BA6 | | V6203-12AX7 | |
|------------|------------|--------|------------|--------|-------------|--------|
| | VOLTS DC | RESIS. | VOLTS DC | RESIS. | VOLTS DC | RESIS. |
| 1 | 181 | 10K | ∅ | 210K | 195 | 3.2K |
| 2 | 126 | 12K | 1.8 | 390 | ∅ | 4.6K |
| 3 | 2.5 | 330 | 6.3VAC | - | * | * |
| 4 | ∅ | ∅ | ∅ | ∅ | 6.3VAC | - |
| 5 | 6.3VAC | - | 180 | 6.5K | 6.3VAC | - |
| 6 | 140 | 12K | 60 | 25K | 195 | 3.2K |
| 7 | ∅ | 47 | 1.8 | 390 | ∅ | 4.6K |
| 8 | ∅ | 0.8 | - | - | * | * |
| 9 | 9.2 | 4K | - | - | ∅ | ∅ |

* Depends upon tube and settings of R6212 and R6213. Approximately 120K ohms and 0.5 volts DC.

