

| Specification MAP/CV1042/Issue 7<br>Dated 3.10.46.<br>To be read in conjunction with<br>K.1001. | <table> <tr> <th colspan="2">SECURITY</th></tr> <tr> <td>Specification</td><td>Valve</td></tr> <tr> <td>RESTRICTED</td><td>RESTRICTED</td></tr> </table> | SECURITY |  | Specification | Valve | RESTRICTED | RESTRICTED |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--|---------------|-------|------------|------------|
| SECURITY                                                                                        |                                                                                                                                                          |          |  |               |       |            |            |
| Specification                                                                                   | Valve                                                                                                                                                    |          |  |               |       |            |            |
| RESTRICTED                                                                                      | RESTRICTED                                                                                                                                               |          |  |               |       |            |            |

—————> Indicates a change

|                                                     |     |   |                                       |                               |             |                  |
|-----------------------------------------------------|-----|---|---------------------------------------|-------------------------------|-------------|------------------|
| <u>TYPE OF VALVE</u> - LF Triode (Cossor make only) |     |   |                                       | <u>MARKING</u><br>See K1001/4 |             |                  |
| <u>CATHODE</u> - Directly heated                    |     |   |                                       | <u>BASE</u><br>B4             |             |                  |
| <u>ENVELOPE</u> - Glass-Metallised                  |     |   |                                       |                               |             |                  |
| <u>PROTOTYPE</u> - 210 LF                           |     |   |                                       |                               |             |                  |
| <u>RATING</u>                                       |     |   | Note                                  | <u>Pin</u>                    |             | <u>Electrode</u> |
| Filament Voltage (V)                                | 2.0 |   |                                       | 1                             | Anode       |                  |
| Filament Current (A)                                | 0.1 |   | 2                                     | Control grid                  |             |                  |
| Max. Anode Voltage (V)                              | 150 |   | 3                                     | Filament                      |             |                  |
| Max. Anode Dissipation (W)                          | 1.0 |   | 4                                     | Filament                      |             |                  |
| Mutual Conductance (mA/V)                           | 1.1 | A | <u>DIMENSIONS</u><br>See K1001/Al/D1. |                               |             |                  |
| Amplification Factor                                | 15  | A |                                       |                               |             |                  |
| <u>NOTE</u><br>A:- At $V_a = 100$ V, $V_g = 0$ V.   |     |   |                                       |                               |             |                  |
|                                                     |     |   | <u>Dimension</u>                      | <u>Min.</u>                   | <u>Max.</u> |                  |
|                                                     |     |   | A (mm)                                | -                             | 104         |                  |
|                                                     |     |   | B (mm)                                | -                             | 43          |                  |
|                                                     |     |   | C (mm)                                | -                             | 36          |                  |

