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## G7406-204 VHF COMM Control Panel

### GENERAL SPECIFICATIONS

#### Dimensions

- 2.610 (height) x 5.735 (width) x 5.0 (depth) inches, excluding rear connectors

#### Weight

- 2.5 pounds (max)

#### Frequency/Channel Ranges

- The default VHF frequency range is from 118.00 to 136.97 MHz using 25 kHz spacing (135.97 MHz if extended range is disabled, 136.990 MHz if 8.33 kHz spacing is selected).

#### Electrical Requirements

- Control Panel . . . . . 28 VDC, 7.0 Watts (max)
- Panel Lighting (Incandescent White) . . . . . 0-5 VAC variable, 4.2 Watts (max)
- LCD Lighting (Incandescent White) . . . . . 0-5 VAC variable, 4.5 Watts (max)
- Annunciator Lighting (Incandescent White) . . . . . 28 VDC Sensed

#### Connectors

- J1 Mating: BACC63CB22-55S6, or equivalent 55 pin connector
- J2 Mating: BACC63CB16-24SN, or equivalent 24 pin connector



# G7406-204 VHF COMM Control Panel

## Color

- Front Panel – Non-reflective Gray FED STD 595b36118
- Knobs – Non-reflective Gray FED STD 595b36440
- Front Panel Markings – White FED STD 595b37875 (Futura Medium font)
- Push Button - Non-reflective Black FED STD 595b37038

## Compliance

- RTCA/DO-160C (Environmental), RTCA/DO-178B (Software), RTCA/DO-186 (VHF COMM)
- ARINC 429, ARINC 566A, ARINC 716, ARINC 720, ARINC 724B, ARINC 750

## Certification

- TSO-C37d, TSO-C38d
- B747-200

## Features

- VDL Mode 2 capable
- Squelch disable via COMM test push button
- Variable rate tuning for rapid selection of 8.33 kHz channels
- DATA capable
- 8.33 kHz capable
- Liquid spill-proof design
- Built-in-test (BIT) capability
- Non-volatile storage of front panel settings
- Modular design provides flexibility for custom layouts
- Modular construction contributes to economical maintenance
- MTBF (Calculated): 20,000 operating hours

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Proprietary Information

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