

BSFH78G14 Satellite Tuner

FEATURES

- Digital AFT out
- Standup Package
- AGC sample out
- Compact, lightweight design (22 cc)
- Electronic tuning for frequency synthesizer

DESCRIPTION

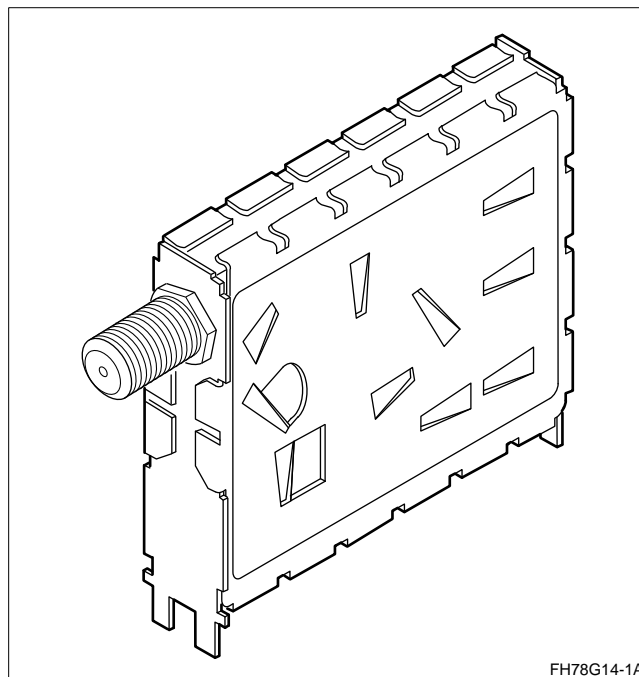
The BSFH78G14 is an integrated single conversion tuner and FM demodulator. It was designed for the reception of analog signals. It has a single input and a combined video and audio output. The input frequency range is 900 to 2,150 MHz. A 27 MHz bandpass filter is positioned at the first IF. A digital AFT output is provided for evaluation of receiver system accuracy.

This tuner can be controlled by an external three wire PLL interface.

For more information on this product, please contact your local Sharp representative.

APPLICATIONS:

- Satellite receiver
- Data receiver
- Wide-band front end



FH78G14-1A

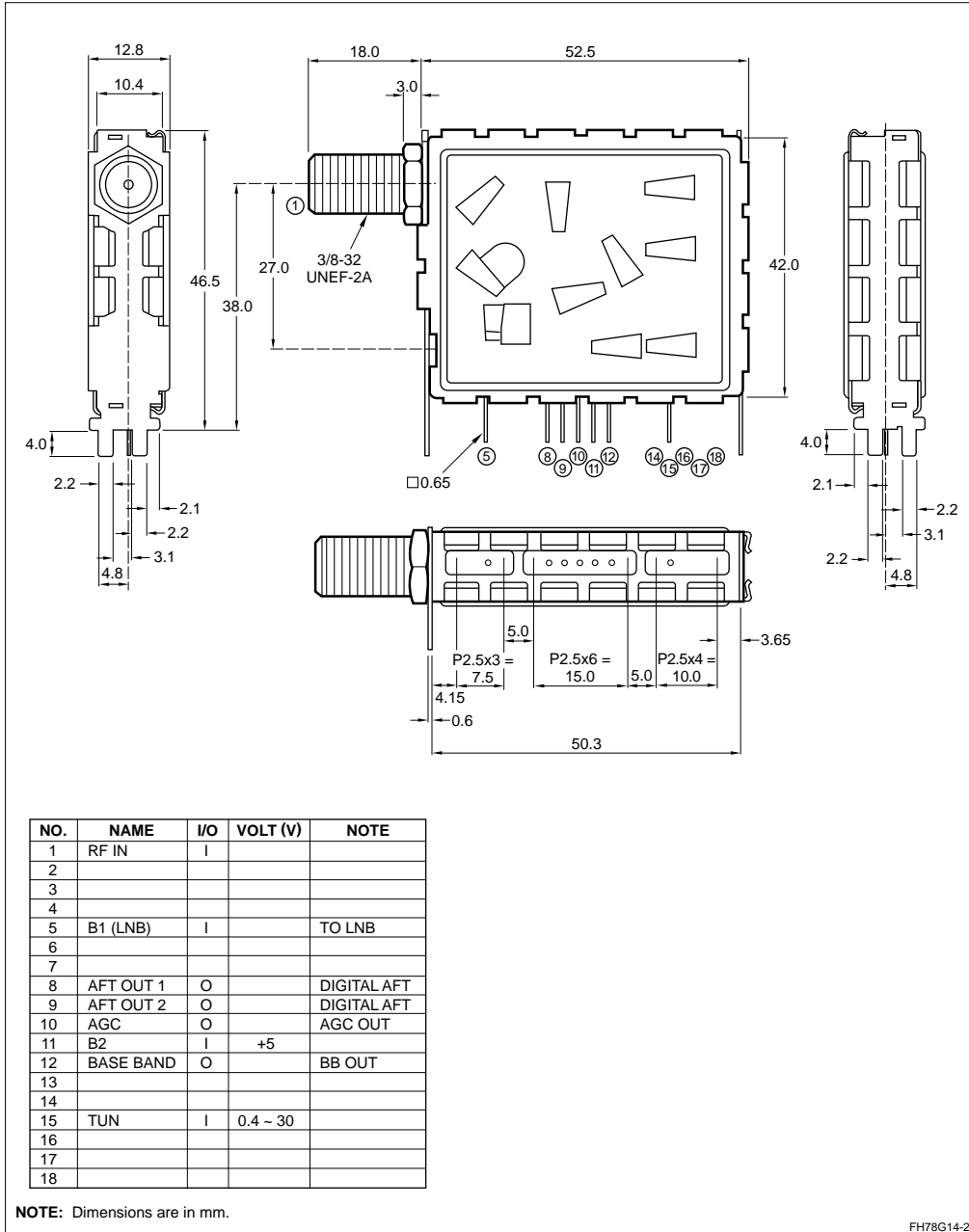
SPECIFICATIONS

| | |
|---------------------------|---|
| Receiving Frequency Range | 900 to 2,150 MHz |
| Input Level | -60 to -30 dBm |
| Input Impedance | 75 Ω |
| Intermediate Frequency | 479.5 MHz |
| Channel Selection System | Electronic tuning for frequency synthesizer |
| Operating Supply Voltage | 5 \pm 0.3 V |
| Operating ODU Voltage | 25 V |
| Operating Tuning Voltage | 0.4 to 30 V |
| IF Bandwidth | 27 MHz |
| Demodulation System | PLL |
| Input Structure | F type female |
| Prescaler Division Ratio | - |

PRODUCT INFORMATION

SHARP

BSFH78G14 MECHANICAL DIMENSIONS



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