

BSFH78G14 Satellite Tuner

FEATURES

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

DESCRIPTION

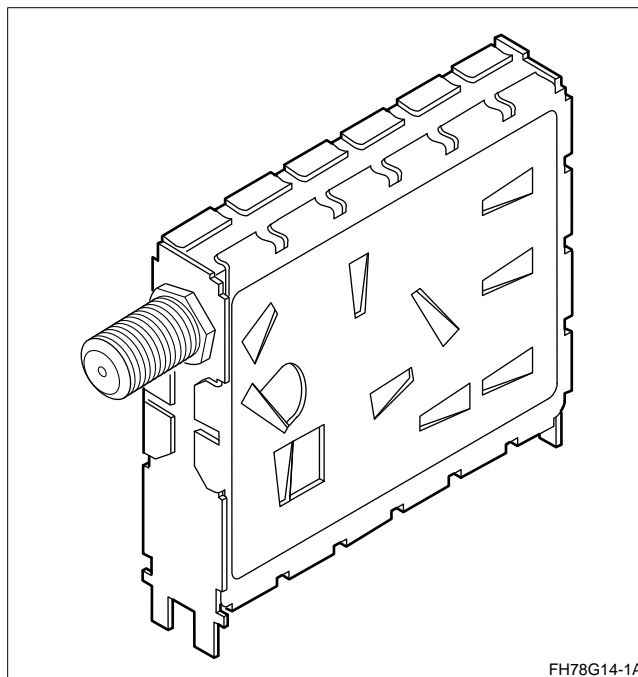
The BSFH78G14 is an integrated single conversion tuner and FM demodulator. It was designed for the reception of analog signals. It has a single input and a combined video and audio output. The input frequency range is 900 to 2,150 MHz. A 27 MHz bandpass filter is positioned at the first IF. A digital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

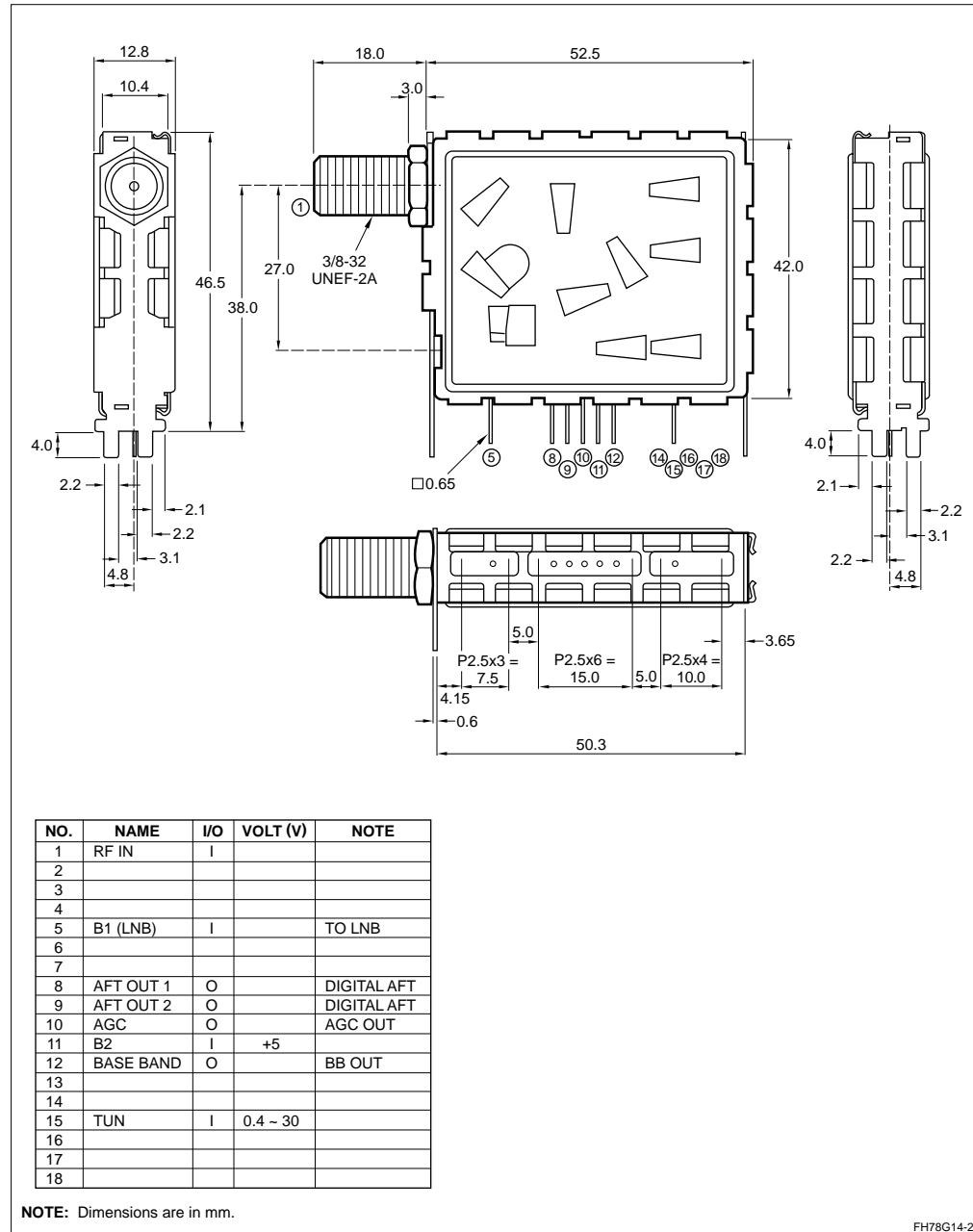
SPECIFICATIONS

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 ±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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