

PRODUCT INFORMATION

SHARP

RF Components
Group

BSFH77G07 Satellite Tuner

FEATURES

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

DESCRIPTION

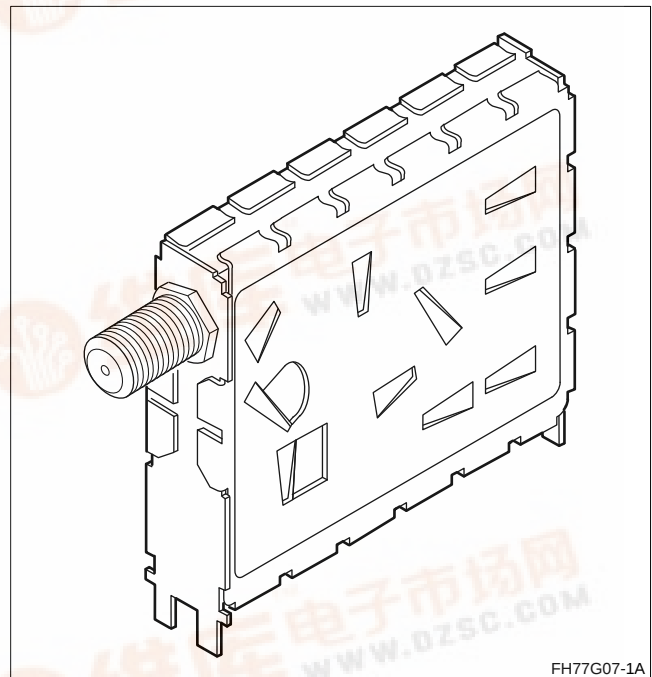
The BSFH77G07 is an integrated single conversion tuner and FM demodulator. It was designed for the reception of analog signals. It has a single input and a combined video and audio output. The input frequency range is 920 to 2,050 MHz. A 27 MHz switchable bandpass filter is positioned at the first IF. A digital AFT output is provided for evaluation of receiver system accuracy.

This tuner can be controlled by external three wire PLL interface. A 1/128 prescaler is internal to this tuner and provides the ability to interface with a PLL.

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

APPLICATIONS:

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



FH77G07-1A

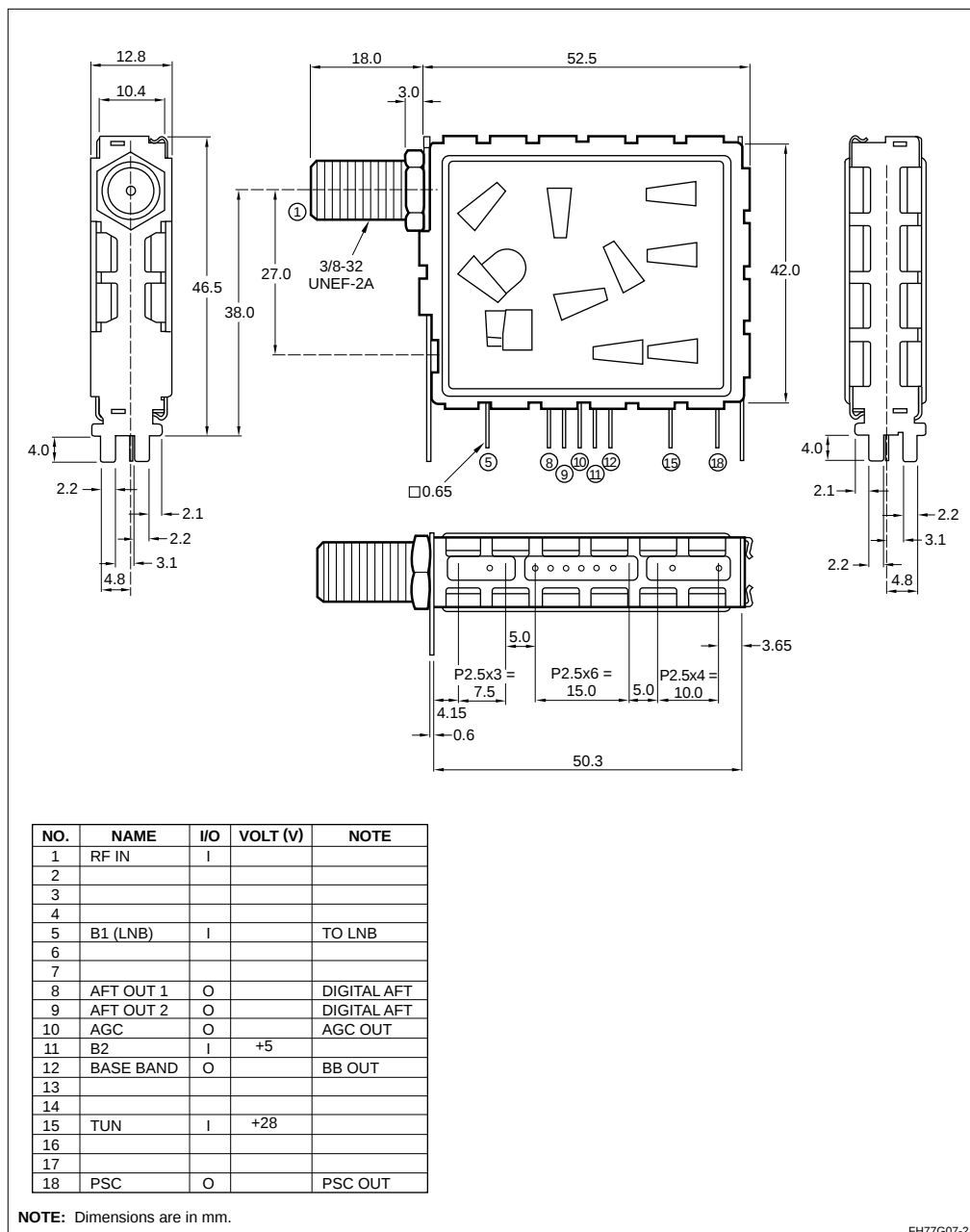
SPECIFICATIONS

Receiving Frequency Range	920 to 2,050 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 28 V
IF Bandwidth	27 MHz
Demodulation System	PLL
Input Structure	F type female
Prescaler Division Ratio	1/128

PRODUCT INFORMATION

SHARP

BSFH77G07 MECHANICAL DIMENSIONS



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Reptron
Tampa, FL
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Fax (813) 854-2351

Sterling Electronics Corp.
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Fax (713) 629-3939

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