

# BSEJ77G10

## Satellite Tuner

### FEATURES

- Digital AFT out
- Standup Package
- AGC sample out
- Compact, lightweight design (22 cc)
- Internal tuning via PLL

### DESCRIPTION

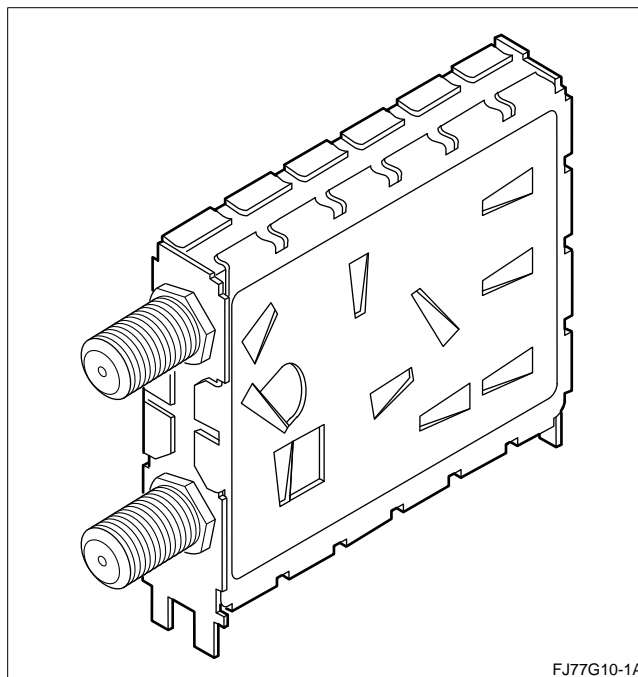
The BSEJ77G10 is an integrated single conversion tuner and FM demodulator. It was designed for the reception of analog signals. It has a dual input and a combined video and audio output. The input frequency range is 920 to 2,050 MHz. A 27 MHz bandpass filter is positioned at the first IF. A digital AFT output is provided for evaluation of receiver system accuracy.

This tuner is controlled by an internal LC7215 three wire PLL and a 1/256 prescaler.

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

### APPLICATIONS:

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



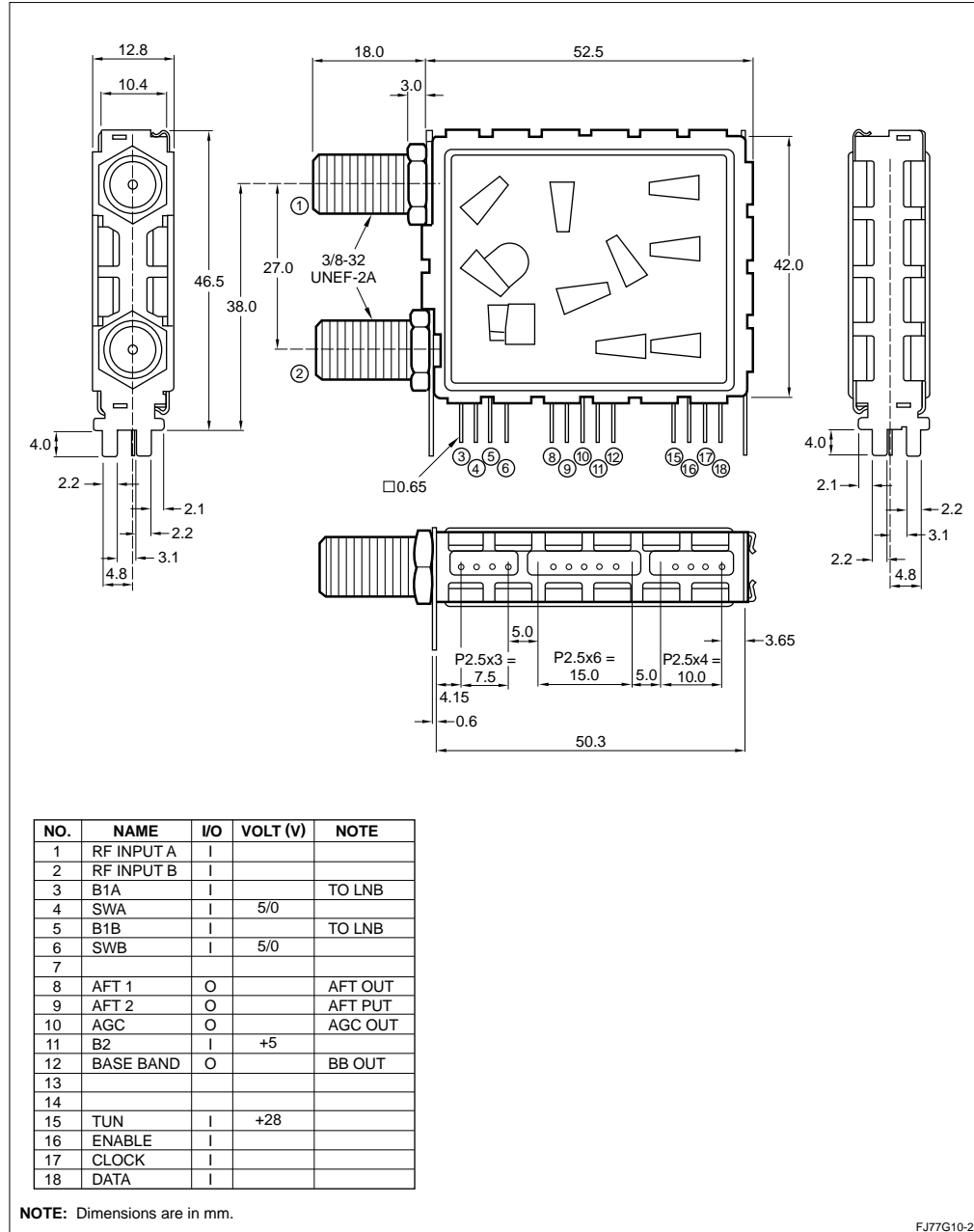
### SPECIFICATIONS

Receiving Frequency Range	920 to 2,050 MHz
Input Level	-60 to -30 dBm
Input Impedance	75 $\Omega$
Intermediate Frequency	479.5 MHz
Channel Selection System	Frequency synthesizer with LC7215 (Clock: 11.16 MHz)
Operating Supply Voltage	5 $\pm$ 0.3 V
Operating ODU Voltage	25 V
Operating Tuning Voltage	28 $\pm$ 1.4 V
IF Bandwidth	27 MHz
Demodulation System	PLL
Input Structure	F type female
Prescaler Division Ratio	1/256

# PRODUCT INFORMATION

# SHARP

## BSFJ77G10 MECHANICAL DIMENSIONS



### Sharp Electronics Corporation Regional Sales Offices

#### North American Headquarters

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#### Marshall Industries

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URL <http://www.marshall.com>

#### Milgray

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#### Sterling Electronics Corp.

Houston, TX  
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FastFax Service: 1-800-833-9437

Product Information: 1-800-642-0261

World Wide Web Site: <http://www.sharpmeg.com>

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