

BSEJ77G10

Satellite Tuner

FEATURES

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

DESCRIPTION

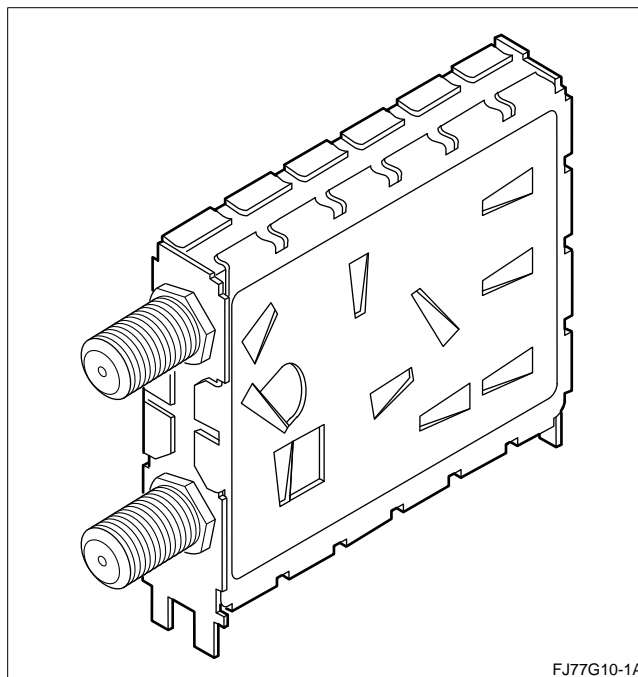
The BSEJ77G10 is an integrated single conversion tuner and FM demodulator. It was designed for the reception of analog signals. It has a dual input and a combined video and audio output. The input frequency range is 920 to 2,050 MHz. A 27 MHz bandpass filter is positioned at the first IF. A digital AFT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



FJ77G10-1A

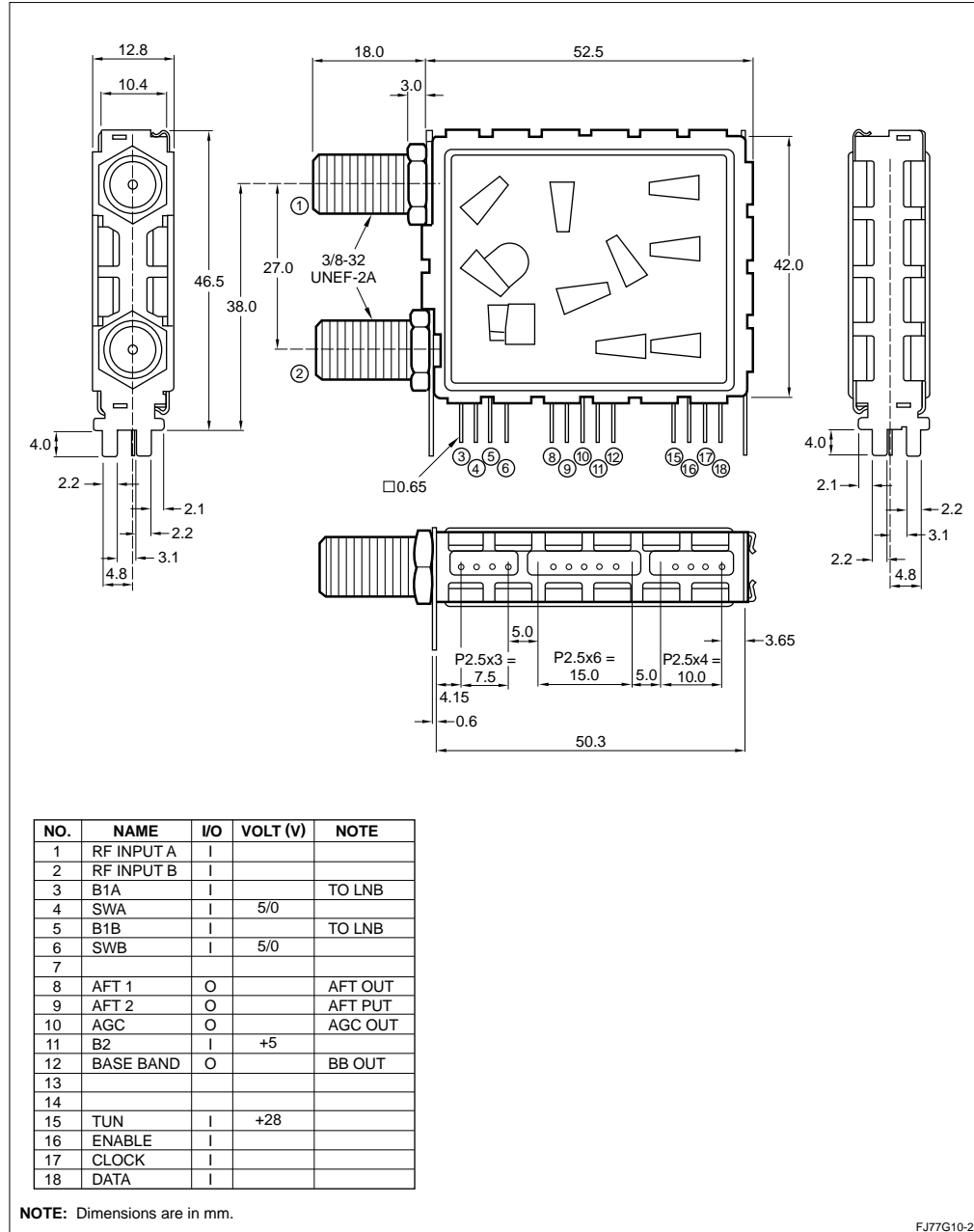
SPECIFICATIONS

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	Frequency synthesizer with LC7215 (Clock: 11.16 MHz)
Operating Supply Voltage	5 ±0.3 V
Operating ODU Voltage	25 V
Operating Tuning Voltage	28 ±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

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Reptron

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Fax (813) 854-2351

Sterling Electronics Corp.

Houston, TX
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Fax (713) 629-3939

FastFax Service: 1-800-833-9437

Product Information: 1-800-642-0261

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