

# BSFK77G25

## Satellite Tuner

### FEATURES

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

### DESCRIPTION

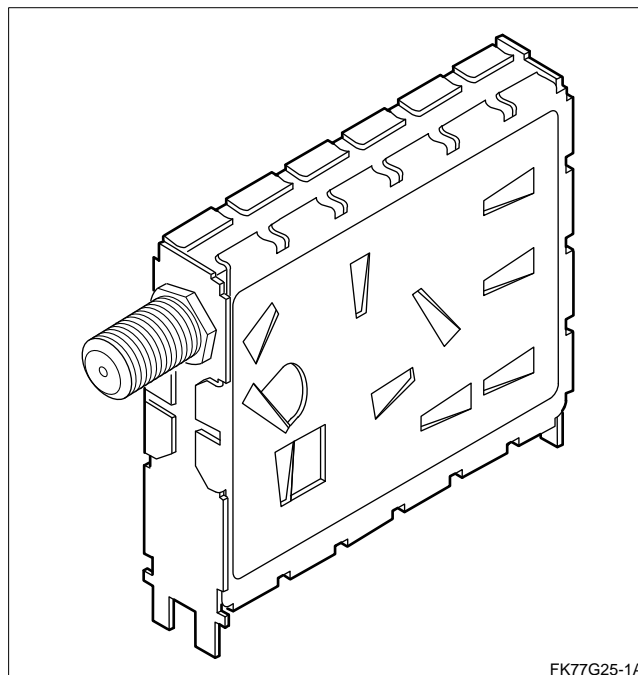
The BSFK77G25 is an integrated single conversion tuner and FM demodulator. It was designed for the reception of analog signals. It has a single input and a combined video and audio output. The input frequency range is 920 to 2,050 MHz. A 27 MHz bandpass filter is positioned at the first IF. A digital AFT output is provided for evaluation of receiver system accuracy.

This tuner can be controlled by an external three wire PLL interface. A 1/256 prescaler is internal to the tuner and provides an interface to the PLL.

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

### APPLICATIONS:

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



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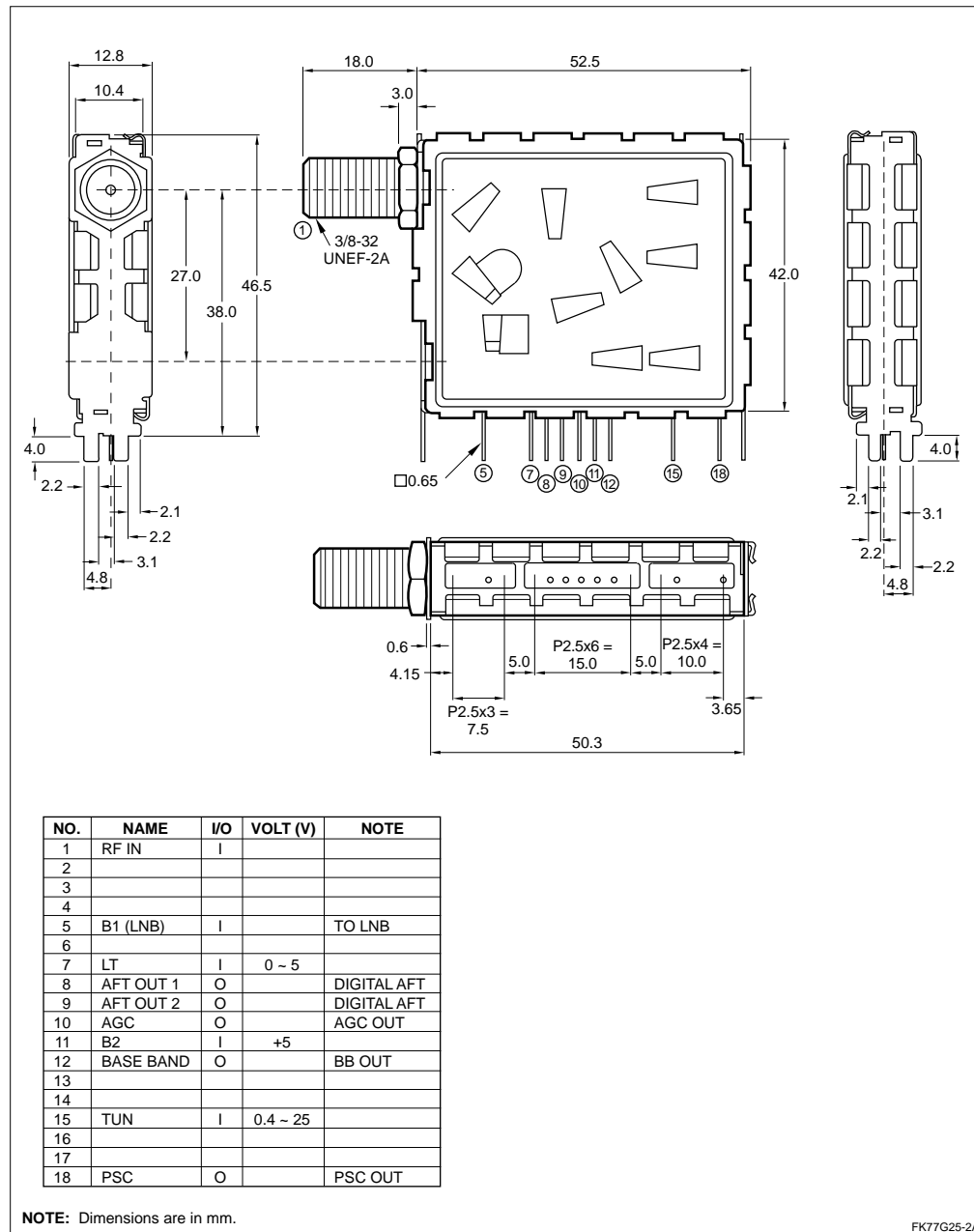
### SPECIFICATIONS

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	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	256

# PRODUCT INFORMATION

# SHARP

## BSFK77G25 MECHANICAL DIMENSIONS



## Sharp Electronics Corporation Regional Sales Offices

### North American Headquarters

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Fax (360) 834-8903

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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

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