# PRODUCT INFORMATION SHARP

# BSFJ77G19 Satellite Tuner

# **FEATURES**

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

# **DESCRIPTION**

The BSFJ77G19 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 external three wire PLL interface. A 1/128 prescaler is internal to this tuner and provides the ability to interface with a PLL.

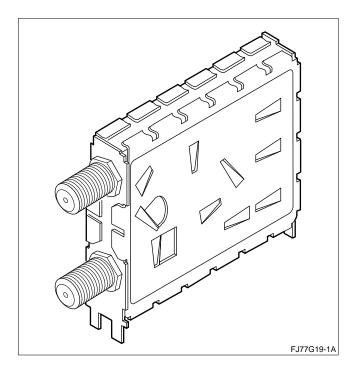
For more information on this product, please contact your local Sharp representative.

## **APPLICATIONS:**

Satellite receiver

Data receiver

Wide-band front end

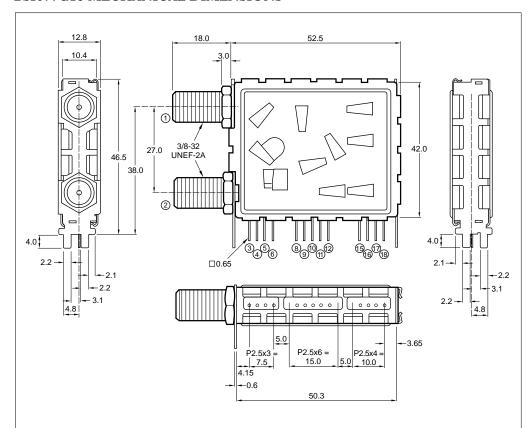


# **SPECIFICATIONS**

920 to 2,050 MHz
-60 to -30 dBm
75 Ω
479.5 MHz
Electronic tuning for frequency synthesizer
5 ±0.3 V
25 V
0.4 to 28 V
27 MHz
PLL
F type female
1/128

# PRODUCT INFORMATION

#### **BSFJ77G19 MECHANICAL DIMENSIONS**



NO.	NAME	I/O	VOLT (V)	NOTE
1	RF INPUT A	1		
2	RF INPUT B	1		
3	B1A	1		TO LNB
4	SWA	1	5/0	
5	B1B	1		TO LNB
6	SWB	1	5/0	
7				DIGITAL AFT
8	AFT OUT (AFT 1)	0		DIGITAL AFT
9	AFT OUT (AFT 2)	0		
10		0		
11	AGC	1	+5	
12	B2	0		
13	BASE BAND			
14				
15	TUN	1	0.4 ~ 28	
16				
17				
18	PSC OUT	0		

NOTE: Dimensions are in mm.

FJ77G19-2A

FastFax Service: 1-800-833-9437 Product Information: 1-800-642-0261

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

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