

# BSFH78G14

## Satellite Tuner

### FEATURES

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

### DESCRIPTION

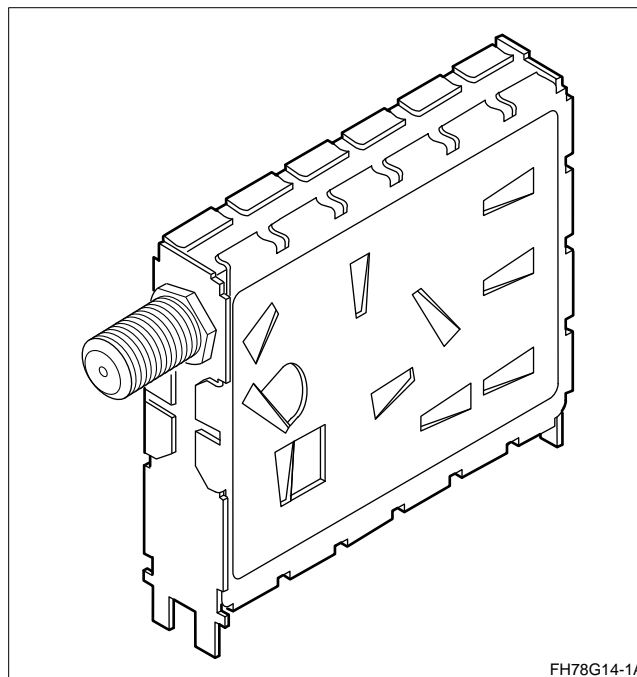
The BSFH78G14 is an integrated single conversion tuner and FM demodulator. It was designed for the reception of analog signals. It has a single input and a combined video and audio output. The input frequency range is 900 to 2,150 MHz. A 27 MHz bandpass filter is positioned at the first IF. A digital AFT output is provided for evaluation of receiver system accuracy.

This tuner can be controlled by an external three wire PLL interface.

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

### APPLICATIONS:

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



FH78G14-1A

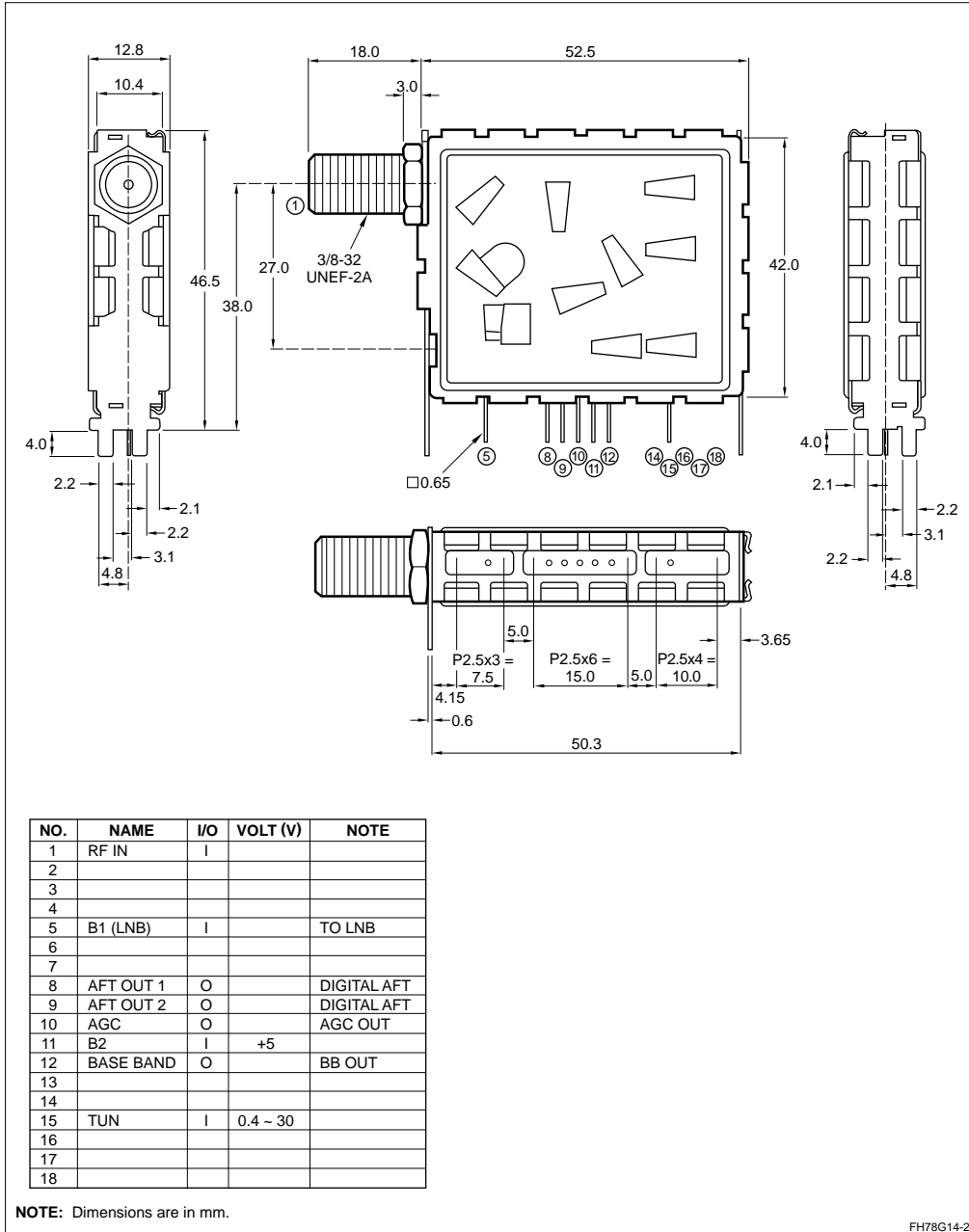
### SPECIFICATIONS

Receiving Frequency Range	900 to 2,150 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 30 V
IF Bandwidth	27 MHz
Demodulation System	PLL
Input Structure	F type female
Prescaler Division Ratio	-

# PRODUCT INFORMATION

# SHARP

## BSFH78G14 MECHANICAL DIMENSIONS



### Sharp Electronics Corporation Regional Sales Offices

#### North American Headquarters

Camas, WA  
Ph (360) 834-2500  
Fax (360) 834-8903

#### West

Irvine, CA  
Ph (714) 250-0225  
Fax (714) 250-0438

San Jose, CA  
Ph (408) 436-4900  
Fax (408) 436-0924

#### Central

Romeoville, IL  
Ph (708) 226-2400  
Fax (708) 759-8572

Auburn Hills, MI  
Ph (810) 377-9220  
Fax (810) 377-9222

Austin, TX  
Ph (512) 349-7262  
Fax (512) 349-7002

DFW Airport, TX  
Ph (214) 574-5205  
Fax (214) 456-0360

Houston, TX  
Ph (713) 955-9909  
Fax (713) 955-9910

#### East

Burlington, MA  
Ph (617) 270-7979  
Fax (617) 229-9117

Annandale, NJ  
Ph (908) 713-0505  
Fax (908) 713-0566

Durham, NC  
Ph (919) 941-0065  
Fax (919) 941-0066

### Distributors

#### Future Electronics

Canada  
Ph (514) 694-7710  
Fax (514) 695-3707

#### Marshall Industries

El Monte, CA  
Ph (800) 522-0084  
Fax (818) 307-6173  
URL <http://www.marshall.com>

#### Milgray

Farmingdale, NY  
Ph (800) MILGRAY (645-4729)  
Fax (516) 293-6465

#### Reptron

Tampa, FL  
Ph (800) 659-1361  
Fax (813) 854-2351

#### Sterling Electronics Corp.

Houston, TX  
Ph (800) 745-5500  
Fax (713) 629-3939

FastFax Service: 1-800-833-9437

Product Information: 1-800-642-0261

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

**SHARP**  
FROM SHARP MINDS  
COME SHARP PRODUCTS™