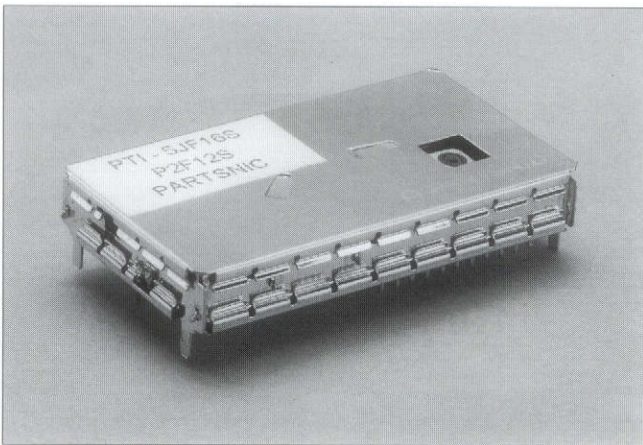


# PTI-5NF16 (SUPER MINI SIZE)



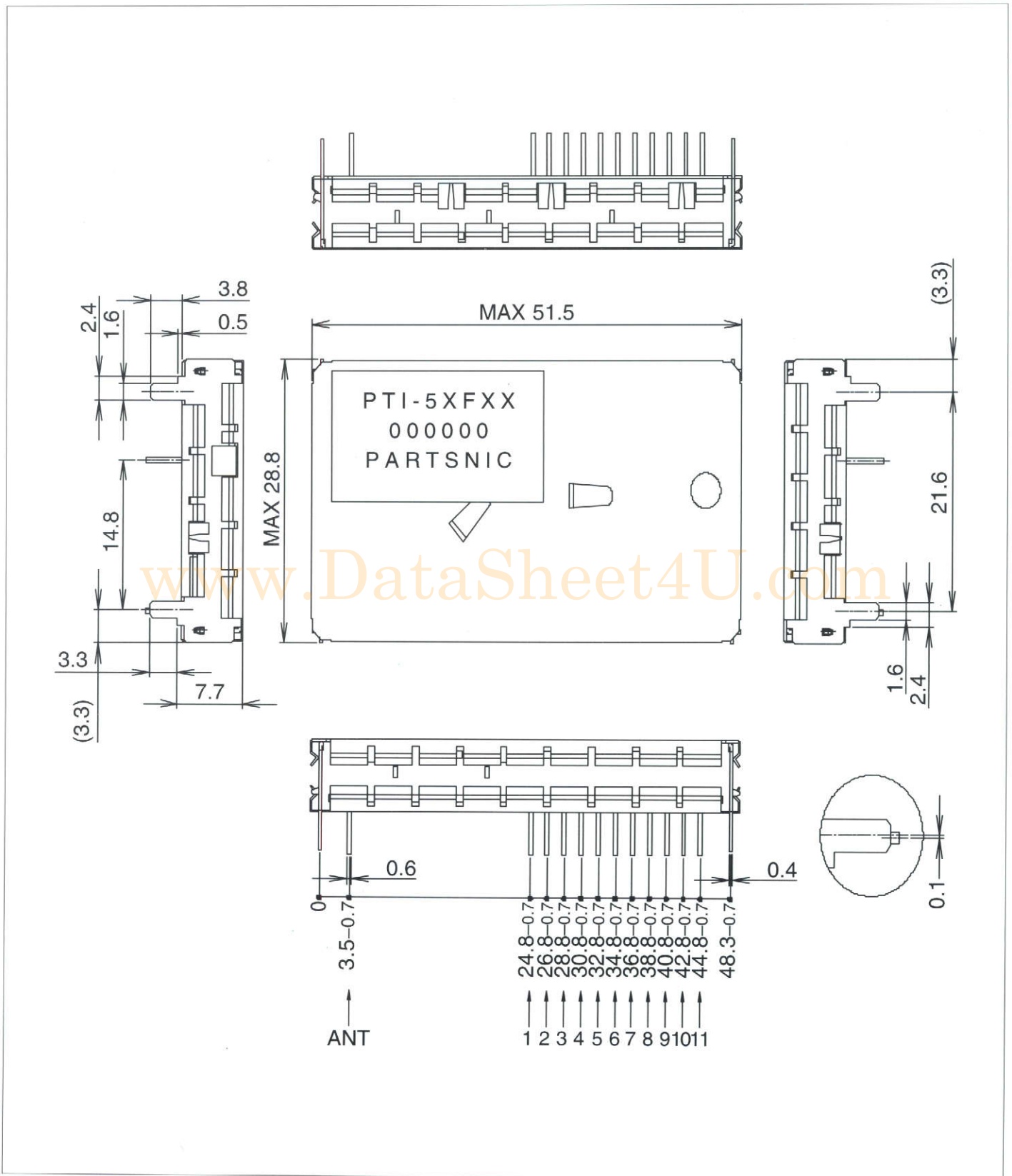
## ■ FEATURE

- TUNER + PIF
- Mono System.
- Compact size.
- Upper Heterodyne Receiving System.
- Picture Intermediate Frequency 58.75 MHz.
- Frequency Synthesize System.

## ■ SPECIFICATIONS

No	Item	Specifications	No	Item	Specifications																
1-1	Tuning System	Frequency synthesizer	1-8	Power Gain	<table border="1"> <thead> <tr> <th>BAND</th> <th>PG Spec</th> <th>Current</th> </tr> </thead> <tbody> <tr> <td>VHF</td> <td>40dB Typ</td> <td>140mA max</td> </tr> <tr> <td>UHF</td> <td>35dB Typ</td> <td>140mA max</td> </tr> </tbody> </table>	BAND	PG Spec	Current	VHF	40dB Typ	140mA max	UHF	35dB Typ	140mA max							
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VHF	40dB Typ	140mA max																			
UHF	35dB Typ	140mA max																			
1-2	IF frequency	PIF : 58.75MHz CIF : 55.17MHz SIF : 54.25MHz	1-9	IF	<table border="1"> <thead> <tr> <th colspan="2">DATA</th> </tr> </thead> <tbody> <tr> <td>Video Output</td> <td>2.0Vp-p Typ</td> </tr> <tr> <td>Video S/N</td> <td>47dB Typ</td> </tr> <tr> <td>Burst ration</td> <td>28.6% Typ</td> </tr> <tr> <td>Audio Output</td> <td>310mVrms Typ</td> </tr> <tr> <td>Audio S/N</td> <td>45dB min</td> </tr> <tr> <td>Audio Sync buzz</td> <td>50mVp-p max</td> </tr> <tr> <td>SIF Output</td> <td>75dB<math>\mu</math>V Typ</td> </tr> </tbody> </table>	DATA		Video Output	2.0Vp-p Typ	Video S/N	47dB Typ	Burst ration	28.6% Typ	Audio Output	310mVrms Typ	Audio S/N	45dB min	Audio Sync buzz	50mVp-p max	SIF Output	75dB $\mu$ V Typ
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1-3	Receiving Channel	VHF : 1~12 CH (91.25 ~ 217.25MHz) UHF : 13~62 CH (471.25 ~765.25MHz)	1-10	Band Data	<table border="1"> <thead> <tr> <th>Band</th> <th>P3</th> <th>P2</th> <th>P1</th> <th>P0</th> </tr> </thead> <tbody> <tr> <td>VHF</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> </tr> <tr> <td>UHF</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Band	P3	P2	P1	P0	VHF	0	0	0	1	UHF	1	0	0	0	
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1-6	Input Impedance	75 ohm																			
1-6	PLL SYSTEM	I <sup>2</sup> C Bus																			
1-7	Application Standard	Comply with FCC																			

■ DRAWING (PTI-5JF16)



TERMINAL NO	1	2	3	4	5	6	7	8	9	10
TERMINAL NAME	IF	SCL	SDA	+B	AGC	SIF	AFT	AUDIO	VIDEO	ANT