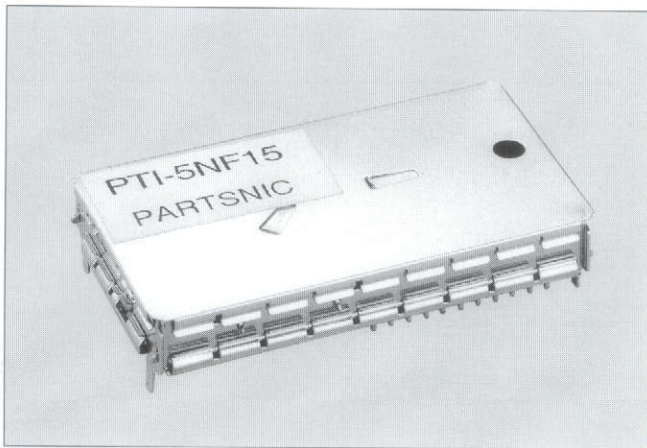


# PTI-5NF15 (SUPER MINI SIZE)



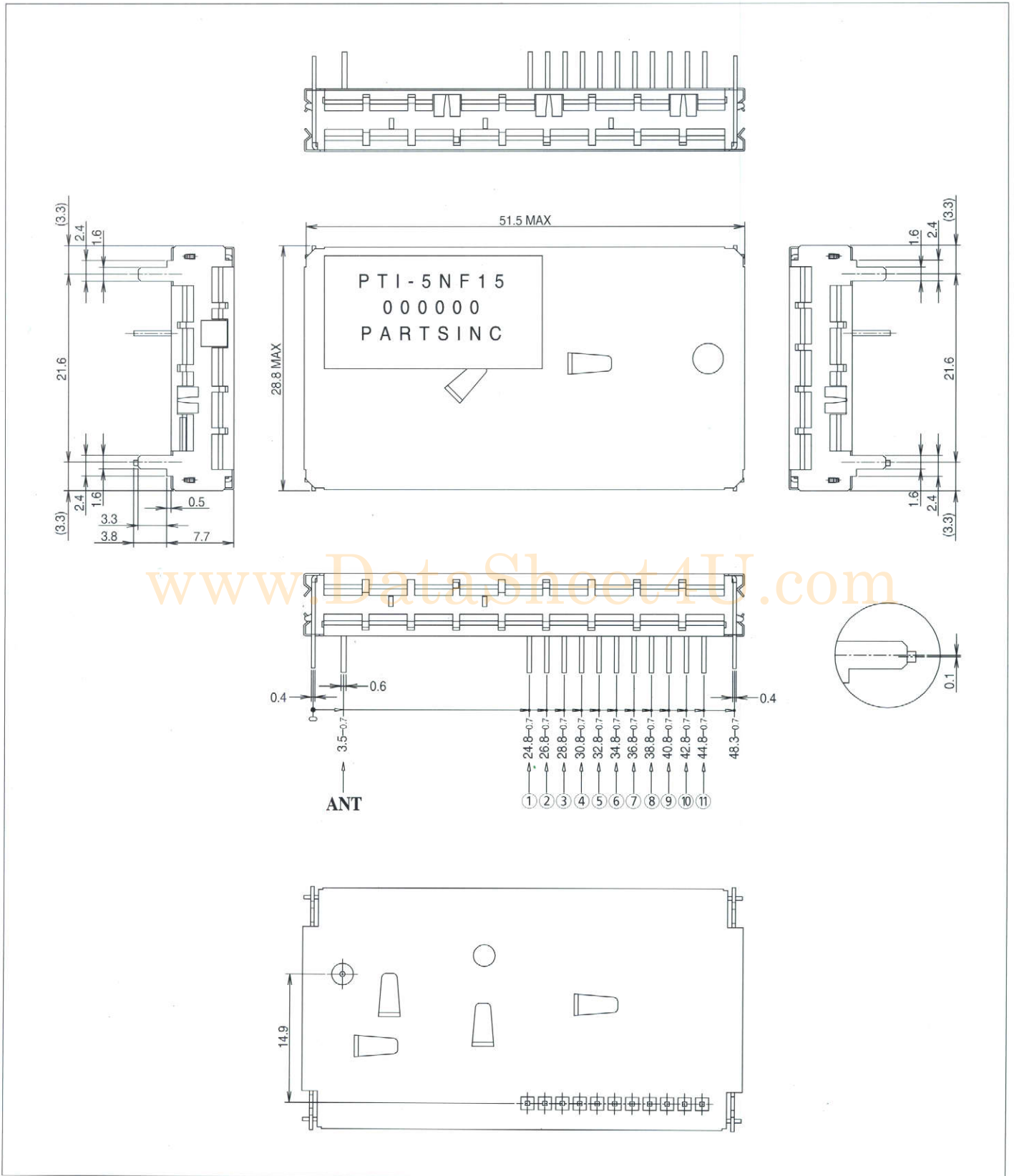
## ■ FEATURE

- TUNER + PIF
- Korean Mono System.
- Compact size.
- Upper Heterodyne Receiving System.
- Picture Intermediate Frequency 45.75 MHz.
- Frequency Synthesize System.

## ■ SPECIFICATIONS

No	Item	Specifications	No	Item	Specifications															
1-1	Tuning System	Frequency synthesizer	1-8	TUNER	<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 : 45.75MHz CIF : 42.17MHz SIF : 41.25MHz	1-9	IF	<table border="1"> <thead> <tr> <th colspan="2">DATA</th> </tr> </thead> <tbody> <tr> <td>Video Output</td> <td>1.0Vp-p Typ</td> </tr> <tr> <td>Video S/N</td> <td>47dB Typ</td> </tr> <tr> <td>Burst ration</td> <td>28.5% Typ</td> </tr> <tr> <td>Audio Output</td> <td>370mVrms 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> </tbody> </table>	DATA		Video Output	1.0Vp-p Typ	Video S/N	47dB Typ	Burst ration	28.5% Typ	Audio Output	370mVrms Typ	Audio S/N	45dB min	Audio Sync buzz	50mVp-p max	
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1-3	Receiving Channel	VHF Low : 13~2 CH UHF : 69~14 CH (NTSC-68 CH)	1-10	Band Data	<table border="1"> <thead> <tr> <th></th> <th>BS4</th> <th>BS3</th> <th>BS2</th> <th>BS1</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>		BS4	BS3	BS2	BS1	VHF	0	0	0	1	UHF	1	0	0	0
	BS4	BS3			BS2	BS1														
VHF	0	0	0	1																
UHF	1	0	0	0																
1-4	Supply Voltage	<table border="1"> <thead> <tr> <th>Terminal</th> <th>Supply Voltage</th> <th>Tolerance</th> </tr> </thead> <tbody> <tr> <td>B+</td> <td>5.0V</td> <td>±0.1V</td> </tr> </tbody> </table>	Terminal	Supply Voltage	Tolerance	B+	5.0V	±0.1V												
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B+	5.0V	±0.1V																		
1-5	Input Impedance	75 ohm																		
1-6	PLL SYSTEM	I <sup>2</sup> C Bus																		
1-7	Application Standard	Comply with FCC, UL																		

**DRAWING (PTI-5NF15)**



TERMINAL NO	1	2	3	4	5	6	7	8	9	10	11
CAP TV	IF OUT	NC(BT)	CAS	SDA	SCL	NC(KSIF)	B+	RF AGC	AFT OUT	AUDIO OUT	VIDEO OUT