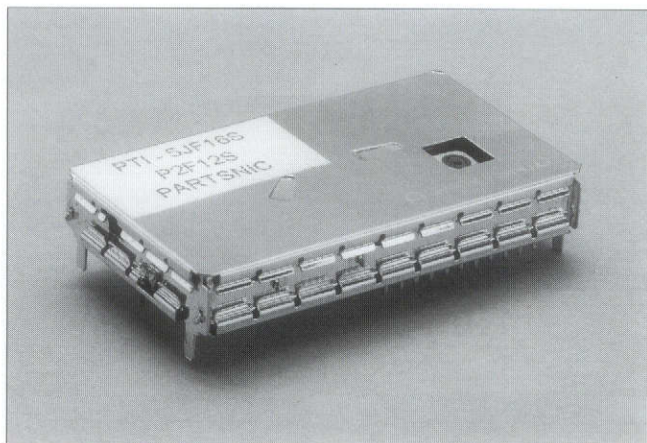


PTI-5NF16 (SUPER MINI SIZE)



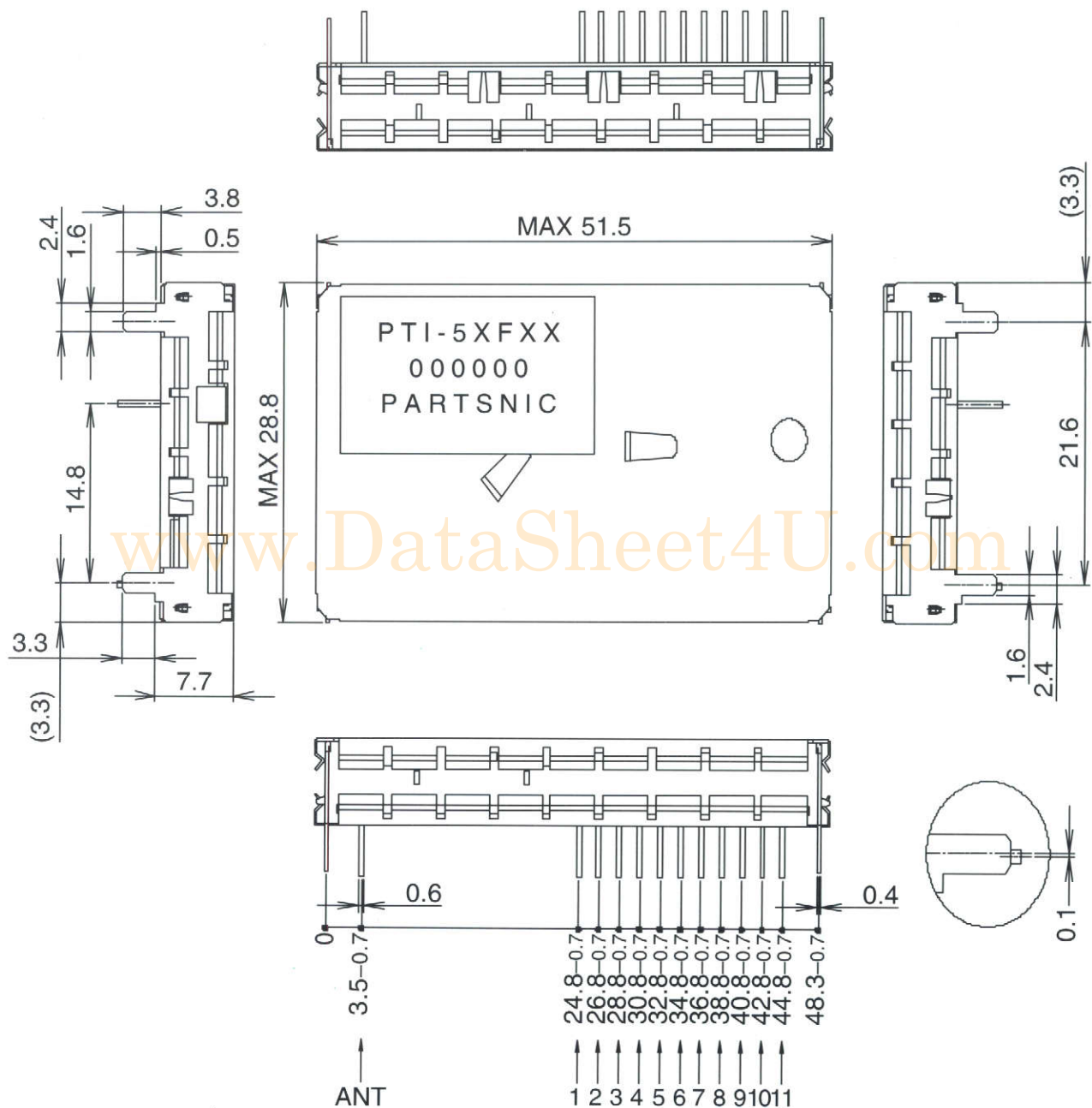
■ FEATURE

- 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	BAND		PG Spec	Current						
1-2	IF frequency	PIF : 58.75MHz CIF : 55.17MHz SIF : 54.25MHz					VHF		40dB Typ	140mA max						
							UHF		35dB Typ	140mA max						
1-3	Receiving Channel	VHF : 1~12 CH (91.25 ~ 217.25MHz) UHF : 13~62 CH (471.25 ~765.25MHz)			1-9	IF					DATA					
1-4	Supply Voltage	<table><tr><td>Terminal</td><td>Supply Voltage</td><td>Tolerance</td></tr><tr><td>B+</td><td>5.0V</td><td>±0.5V</td></tr></table>					Terminal	Supply Voltage	Tolerance	B+	5.0V	±0.5V	Video Output		2.0Vp-p Typ	
							Terminal	Supply Voltage	Tolerance							
							B+	5.0V	±0.5V							
							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		75dBμV Typ														
1-6	Input Impedance	75 ohm			1-10	Band Data										
1-6	PLL SYSTEM	I ² C Bus					Band		P3	P2	P1	P0				
1-7	Application Standard	Comply with FCC					VHF		0	0	0	1				
							UHF		1	0	0	0				

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