

# FUJITSU Component Thermal Printer FTP-66E Series (6-inch thermal printer)

Fujitsu 12/24V, 6" high speed, easy loading thermal printer

## Overview

The easy loading FTP-66E MCL Series is ultra compact high speed, 12/24V driven thermal printer, printing on 6-inch wide paper (156mm) where platens are removable. Our original platen removal mechanism improved paper loading and maintenance.

The FTP-66E MCL series can be used for a variety of applications, such as measurement and medical equipment, banking, and banking terminals.

## Features

- **Compact 6-inch mechanism**  
Small size, 6-inch wide paper (max. paper width 156mm)
- **Platen open structure**  
Easy paper set or jam release / easy maintenance
- **High speed printing**  
It can print at 100mm/s at 24V driving
- **Label paper available**  
Straight paper pass
- **UL File No. E171434**

RoHS compliant



FTP-66EMCL101

Item	Part Number
Printer mechanism	FTP-66EMCL101
LSI for driving	TBD
Interface board	FTP-62EDSL011#01
Head extension cable	FTP-62EY001
USB cable	FTP-629Y301#01
Power cable	FTP-629Y601

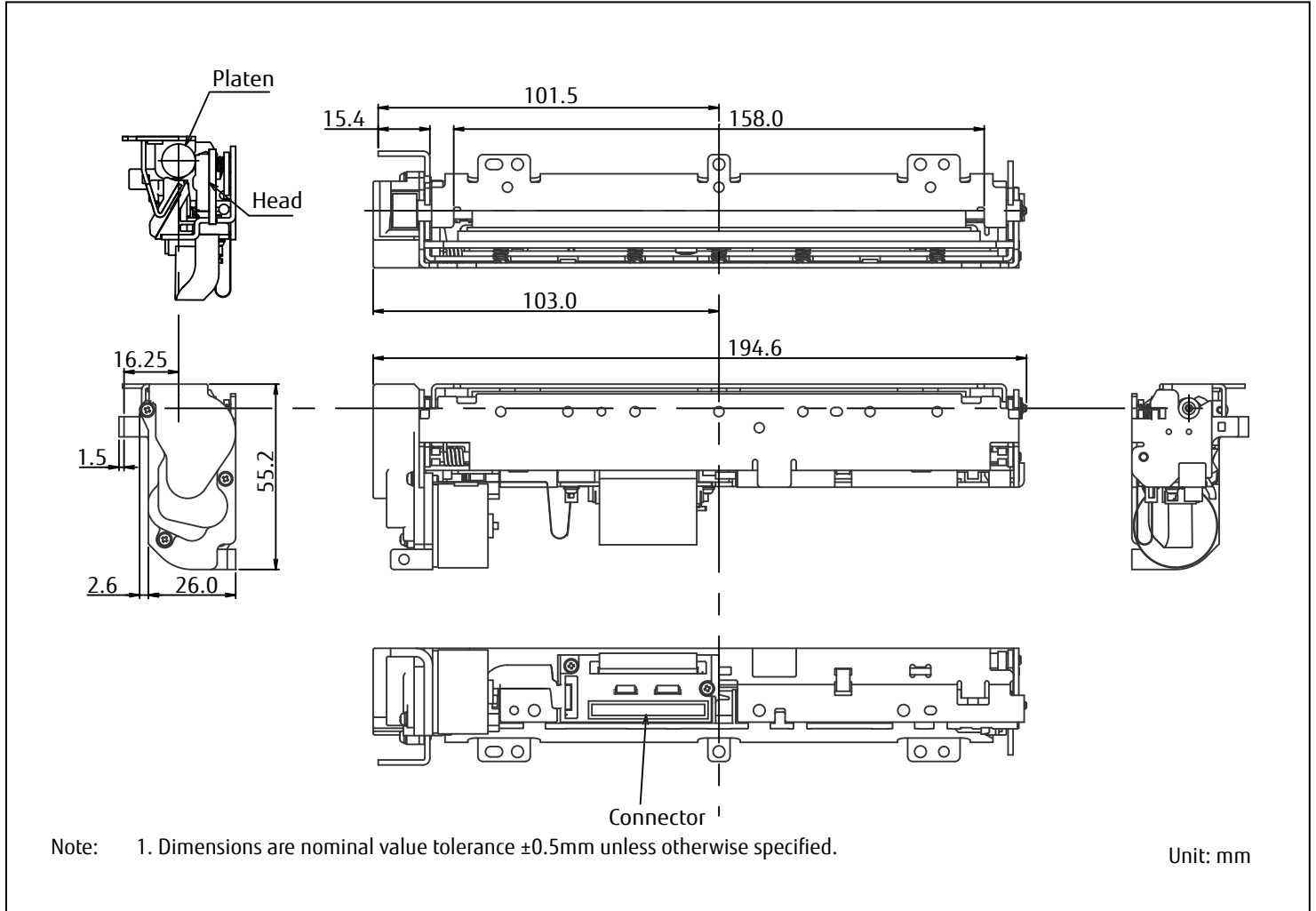
Item	Specifications		
Part number	FTP-66EMCL101		
Printing method	Thermal-line dot method		
Dot structure	1152 dots/lines		
Dot pitch (horizontal)	0.125mm (dot density: 8 dots/mm)		
Dot pitch (vertical)	0.125mm (dot density: 8 dots/mm)		
Effective printing area	144mm		
Paper	Width	156mm	
	Thickness	60µm to 100µm	
Operating voltage	Head	For print	At 12V driving: 12VDC ±10%, approx. 8.0A (applied dot number 583 dots) At 24V driving: 24VDC ±10%, approx. 8.0A (applied dot number 256 dots)
		For logic	3.0VDC to 3.6VDC or 4.75VDC to 5.25VDC, 0.2A maximum
	Motor	For print	12V driving: 12VDC ±10%, 0.6A at single-phase excitation, 0.8A at double-phase excitation 24V driving: 24VDC ±10%, 0.6A at single-phase excitation, 0.8A at double-phase excitation
Printing speed	At 12V driving: max. 50mm/sec. (400 dotlines/sec.)* At 24V driving: max. 100mm/sec. (800 dotlines/sec.)*		
Dimensions	Printer mechanism	194.6 x 55.2 x 26.0mm (WxDxH, except flexible printed board and projection portion)	
Weight	Printer mechanism	Approximately 430g	
Head life	Pulse resistance	100 million pulse/dot (under FCL standard conditions)	
	Wear resistance	Paper traveling distance 50km (print ratio: 12.5%, using specified thermal paper)	
Operating environment	Operating temperature**	0°C to 50°C	
	Operating humidity	12 to 85% RH (no frost)	
	Storage temperature	-10°C to +60°C	
	Storage humidity	5 to 90% RH (excluding paper, no frost)	
Detection function	Head temperature detection	Thermistor	
	Paper out / mark detection	Photo sensor	
Recommended thermal sensitive paper	High sensitive paper	TF50KS-E	
	Standard paper	PD150R, TF60KS-E	
	Medium life storage paper	PD170R, TP60KS-F1, P220VBB-1	
	Long life storage paper	PD160R	

\*: at 25°C, high speed printing mode, using specified thermal paper)

\*\*\*: +5° to +40°C printing density assurance range (with Oji paper PD150R)

■ Dimension

- Printer mechanism: 6-inch



■ Option

Item	Part Number	MOQ
Lever cap	FTP-68EMP0495	20 pieces

■ Interface board

Standard interface board is not available. We only offer an evaluation board. Please contact our sales office for details.

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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