



## Thermal Printer Head GY-2RA3



### **Characters:**

Easier paper loading

Small in size & light in weight

Whole set metal base, metal gear shaft, stable, reliable, high-life, excellent heat dissipation

High speed: Can reach to 80mm/s( motor drive voltage is 8.5VDC)

Operating power range(3.5-8.5VDC)

Resolution Ration(7dots/mm)

Abrasion resistance: Paper traveling distance long than 50km

Low noise: drive by non-magnetic pumping step motor, Made up of high abrasion & excellent weather resistance engineering plastics gear

Applicability: GY-2RA3 is compatible with Fujitsu printer mechanism FTP-628MCL103, is suitable for mini-thermal receipt printer, thermal cash register, etc.

## Functions

Item	Parameters
Printing method	Thermal dot line printing
Printing width	48mm
Resolution of level	8dots/mm
Printing dots number of per line	384dots
Resolution of paper traveling	0.0625mm per step
Dot pitch	0.125mm
Dot size	0.125mm×0.12um
Driver	Stepping motor(3.5-10VDC pulse voltage)
Thermal head average resistance value	123Ω±4%
Printing speed(Max)	58mm/s(Motor voltage at 24VDC)
Paper width	60mm-100 mm
Printing life	≥50km
Thermal head temperature detection	Via thermistor
Storage temperature	-20℃-60℃
Paper detection	Via a photo interrupter
Platen unit's fixation	May be off the basic mechanism to achieve installing paper easy
Printer head working power voltage	VH: 3.15-8.5VDC
Motor voltage	4.2-8.5VDC
Path of paper traveling	Perpendicular bend
Paper cutting	Manual
Operating temperature	+5℃-45℃
Weight	40.7g
Operating humidity	20%-85%RH
Storage temperature	-20℃-60℃
Storage humidity	5%-95%RH
Periphery dimension	L=70mm,W=33mm,H=15.3mm,L(FPC)=166mm
Compatibility	FUJITSU's FTP-628MCL101 printing mechanism, but GY-2RA2's FPC length is longer quite.
Operating machine noise	60dB(Max)
Scope	Cash register, POS printer, etc.
Operating machine noise	60dB(Max)