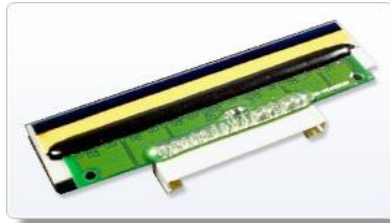


TPH with High Voltage (24V) for Medical Applications



B Series

Features

Most appropriate design for low speed application, max 100mm/s.
Optional hard coating according to requests on poor paper and environment.

Application

Appropriate for ECG printers

Model	B48	B56	B72	B80	B104	B216	BLX48	BLX56
Resolution (dpi)	200							
Printing Width (mm) *1	48	56	72	80	104	216	48	56
Number of dots (dots)	384	448	576	640	832	1728	384	384
Resistance (Ω)	2,2							
Platen Roller size (Max Φ)	14							
Printing Speed (mm/s)	75							
Clock Speed (Max MHz)	5MHz							
Logic (V)	3.3V - 5V							
Head voltage (V)	24V							
Run length (km)	100							
Pulse activation (Pulses)	1x10 ⁸							
Heatsink *4	Aluminum							
Interface *5	15 pin Connector							

CH Series

Features

Most appropriate design for middle speed application, 100-150mm/s. Durable heat element with high SST (Step Stress Test), 3 times than normal ones. Optional hard coating for extra anti-abrasion and anti-corrosion.

Application

Typical for Medical, Lottery and Barcode Scale.

Model	CH56	CH72	CH104	CH216	CHX56	CHX104
Resolution (dpi)	200					
Printing Width (mm) *1	56	72	104	216	56	104
Number of dots (dots)	448	576	832	1,728	448	832
Resistance (Ω)	700					
Platen Roller size (Max Φ)	17					
Printing Speed (mm/s)	125					
Clock Speed (Max MHz)	20MHz					
Logic (V)	3.3V - 5V					
Head voltage (V)	24V					
Run length (km)	100				150	
Pulse activation (Pulses)	1x10 ⁸					
Heatsink *4	Aluminum					
Interface *5	15 pin Connector					

THX Series

Features

Most appropriate design for middle speed application, 150-250mm/s. High performance of anti-abrasion with hard coating and FFS structure, eps. for poor paper and poor printing environment.

Application

ECR POS, esp. for poor paper usage.

Model	THX48	THX56	THX64	THX72	THX80	THX104	THX216
Resolution (dpi)	200						
Printing Width (mm) *1	48	56	64	72	80	104	216
Number of dots (dots)	384	448	512	576	640	832	1728
Resistance (Ω)	700						
Platen Roller size (Max Φ)	17						
Printing Speed (mm/s)	200						
Clock Speed (Max MHz)	20MHz						
Logic (V)	3.3V - 5V						
Head voltage (V)	24V						
Run length (km)	150						
Pulse activation (Pulses)	1x10 ⁸						
Heatsink *4	Aluminum						

SX/3SX Series

Features

High speed 250-300mm/s with good quality and energy saving effect.
Super performance of anti-abrasion and anti-corrosion.

Application

High speed ECR POS, esp. for poor paper and poor environment.

Model	SX56	SX72	SX80	SX104	3SX57	3SX105
Resolution (dpi)	200				300	
Printing Width (mm) *1	56	72	80	104	57	105
Number of dots (dots)	448	576	640	832	684	1,26
Resistance (Ω)	700					
Platen Roller size (Max Φ)	16					
Printing Speed (mm/s)	300					
Clock Speed (Max MHz)	20MHz				30MHz	
Logic (V)	3.3V - 5V					
Head voltage (V)	24V					
Run length (km)	150					
Pulse activation (Pulses)	1x10 ⁸					
Heatsink *4	Aluminum					
Interface *5	15 pin Connector					

*1 Design technology from Mitsubishi, customized design with any printing width at lower cost.

*4 Customized head support according to customers.

Material-Aluminum, Steel, Stainless, Plastic.

Process-Extrude, Die Cast, Injection, Press.

*5 Various solution for customers.

Connector.

FFC direct soldering.

FPC direct soldering.