

CODIGO
MTP2XX-XXX

DESCRIPCION
Impresora Térmica

MTP Character Mechanism

Items		Characteristics				
Model		MTP102		MTP201		MTP401
Chrs/line (7x5 matrix)		13	16	20	24	40
Printing	Method	Thermal serial head system				
	Printing direction	Left to right				
	Print timing	Synchronized with Tach - Generator				
	Printing width (mm)	26		46		67
	Paper feed pitch (mm)	3.8				
	Printing speed (cps)	19.5	19.2	18	19.2	24
Paper width (mm)		38		58		80
Detection	Home position	Mechanical switch				
Dimensions WxDxH (mm)		48 x 31 x 14		70 x 34 x 15		91 x 36 x 20
Weight (g)		35		40		50
Power supply	Operating voltage	5V				
	Current consumption	3 A max.				
Service life	MCTF	500,000 lines				
	Failure rate	1 x 10E-6/line max.				
Operating temperature (°C)		0 to 50				
Storage temperature (°C)		-40 to 60				

MTP Graphic Mechanism

Items		Characteristics			
Model		MTP201G		MTP401G	
	Dot composition	128	166	256	280
Printing	Method	Thermal serial head system			
	Printing direction	Left to right			
	Print timing	Synchronized with Tach - Generator			
	Printing width (mm)	45	46	67	67
	Paper feed pitch (mm)	2.8			
	Printing speed (lps)	0.9	0.8	0.6	
Paper width (mm)		58		80	
Detection	Home position	Mechanical switch			
Dimensions WxDxH (mm)		70 x 34 x 14.4		92 x 36 x 20	
Weight (g)		40		50	
Power supply	Operating voltage	5V			
	Current consumption	3 A max.			
Service life	MCTF	500,000 lines			
	Failure rate	1 x 10E-6/line max.			
Operating temperature (°C)		0 to 50			
Storage temperature (°C)		-40 to 60			

MTP Interface

Items	Characteristics			
Model	MTP1-CN	MTP1-CC	MTP1-GNP	MTP1-GNS
Applicable printer	MTP102/201/401		MTP201G/401G	
CPU	UPD8049	UPD50HC-033	M5L8050H-095P	
Input control method	Parallel (Modified Centronics)			Serial (TTL level)
Character type	159-Alphanumeric, Kata-Kana		250-JIS,International,Special	
Dimensions (WxDxH)	59x72x13	90x110x13	100x100x22	
Weight (g)	35		55	70
Operating temperature (°C)	0 to 50			
Storage temperature (°C)	-40 to 80			
Features	Graphics, inverted, expand, test print			

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<p>Description</p> <p>Features</p> <p>Applications</p>	<p>MTP series printers, although <i>small in size</i> and price, represent <i>huge capabilities</i> for a wide range of applications requiring low power consumption and portability.</p> <p>They add the benefit of printouts for verifying results or retaining hardcopy records from an array of small or handheld/portable instruments. They print characters or graphics at speeds up to 1.5 lines per second. MTP Series interfaces can support either parallel or serial communications, making them highly adaptable to your needs. And, with the option of having the printer and interface board mounted together, furnished as separate components or utilizing our Masked CPU chip that can be integrated into your personal board design, you gain the luxury of a printer versatile enough to comply with an unlimited amount of applications.</p> <p>With additional functions such as double-width, upright and inverted print, the MTP offers full benefits with complete affordability.</p> <ul style="list-style-type: none"> ■ Extremely low cost ■ Maintenance free ■ Suitable for battery operation ■ Direct thermal technology ■ Compact, lightweight design ■ High reliability <p>MTP Series printers are highly suited for applications where size, portability, low power consumption, battery operation and extreme affordability are a key – such as measuring instruments, analyzers, medical apparatus, taxi meters, telecommunications, hand holds, interactive TV and much more.</p>