

# STP Series

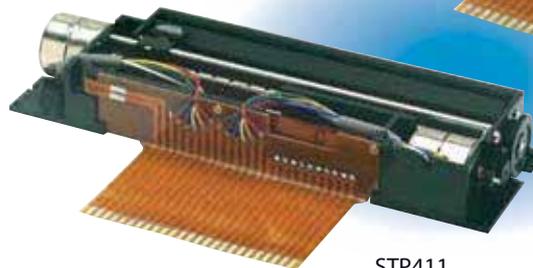
## STP SERIES PRINTERS

STP Series thermal printers offer the highest reliability, quality and performance at a low cost to suit an array of applications. An dual-step motor system supports independent paper feed and head movement functions for greater efficiency and dependability in a compact, lightweight design. With features such as bi-directional printing and logic seeking, STP Series printers are also fast-printing at speeds up to 1.9 character lines per second. Additionally, STP Series printers can support compressed or expanded print, international character sets and complete graphics for a versatile thermal printer solution that meets the highest standards for performance and value.

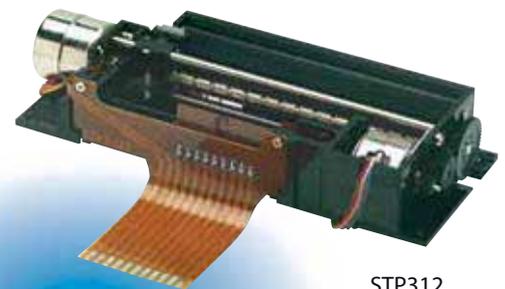
- Simple operation
- High quality character and graphic printing
- Advanced mechanism design for increased reliability
- Silent operation assured by stepping motor drive
- Up to 4 dots/mm
- Compact, lightweight design
- Independent head and paper feed functions and shortest distance print



STP211



STP411



STP312

Model	STP211-144	STP211-192	STP312-256	STP411-256	STP411-320	
Dot composition	8 x 144	8 x 192	8 x 256		9 x 320	
Printing	Method					
	Thermal serial head system					
	Direction					
	Bi-directional character					
	No. of characters/line	24	32	42		40
	Width (mm)	46.1		64	89.6	
	Paper feed pitch (mm)			0.35		
Speed (cl/s)	1.9	1.4	1.0		0.28	
Speed (cps)	46		42	41	31	
Detection	Home position					
Mechanical switching system						
Dimensions (WxDxH) mm	80 x 47 x 27		126.5 x 45 x 20.4		153 x 44.5 x 20	
Mass (g) Approx.	110		120	135		
Power supply	Operating voltage					
	5 VDC ± 0.5					
Service life	Current consumption					
	3.5 A max.					
MCTF	500,000 lines					
	Failure rate					
1 x 10E-6/line max.						
Operating temperature (°C)	0 to 50					
Storage environment (°C)	-20 to 60					
Paper	Width (mm)	58 +0/-1		80 +0/-1	112 +0/-1	
	Path	Curve				
	Thickness (µm)	66 ± 5				