

LED PRINT HEADS - LH-1204

Specification(Ta=25c)

Item	Specificatin	Unit
Print Width	216	mm
Number of Dot	1728	dot
Dot density	200	dpi
Dot Pitch	125	um
Wavelength of LED	740	nm
LED array Structure	64bit*27	-
Driver Structure	64bit*27	-
Data input	1(Serial input)	-
Number of Strobe	4	-

Maximum Ratings(Ta=25c)

Item	Symbol	Condition	Reference	Unit
Supply Voltage	VDD	Ta=25c	-0.5~6.5	V
Input Voltage	V1	Ta=25c	-0.5~VDD+0.5	V
Operating Temp	Topr.	Temp	5~40	c
Relative Humidty	Hopr.	Humidty	10~90	%RH
Strage Temp	Tstg.	-	-20~70	c
Heat Sink Temp	Th	-	Max.60	c
Number of on Dot at Same Time	-	-	Max.448	dots

Standard Operating Conditions(Ta=25c)

Item	Symbol	Min.	Typ.	Max.	Unit
Supply Voltage	VDD	4.75	5.0	5.25	V
Input Voltage	V1	0	-	VDD	V
CLOCK DUTY	Duty	45	50	55	%
Scanning Line Time	SLT	-	3.78	-	ms/Line
Strobe Pulse Width	Ton	-	0.40	-	ms

Optical Characteristics(Ta=25c)

Item	Symbol	Condition	Reference	Unit
Dominant Wavelength		-	740+-10	nm
Average Light Power	Po	VDD=5.0V	MIN=0.420 MAX=0.510	uW/dot.
Range of Max-Min Light Power	Po	-	+30	%

admatec

Schareggstrasse 3, CH-5506 Mägenwil
Tel. +41 62 896 00 48, Fax. +41 62 896 25 80
info@admatec.ch, www.admatec.ch