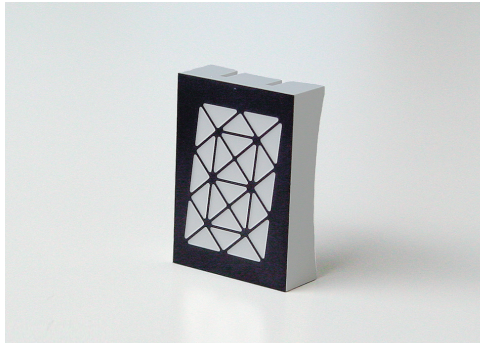




24segment Alpha-numeric Display

RoHS Directive Compliant

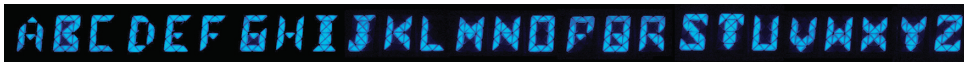
AD-24 series



Characteristics

- 1) 24 segments display complete alpha-numeric capabilities.
- 2) Dimensions: 34x24mm.
- 3) The display is available in six colors.
Red, Orange, Yellow, Green, Blue and White.

Alpha-numeric Sample



Absolute Maximum Ratings at Ta=25°C

Item	Symbol	Part Number/Color						Unit
		AD-24R	AD-24O	AD-24Y	AD-24G	AD-24B	AD-24W	
		Red	Orange	Yellow	Green	Blue	White	
Forward Current	IF		30		20		15	mA
Pulse Forward Current *	IFP		100		48		60	mA
Reverse Voltage	VR			5				V
Power Dissipation	PDT		81		78		60	mW
Operating Temperature Range	Topr			-30 to +85				°C
Storage Temperature Range	Tsol			-30 to +100				°C

* Duty≤1/10, Pulse Width≤1ms(R, O, Y)
Duty≤1/20, Pulse Width≤1ms(B, G, W)

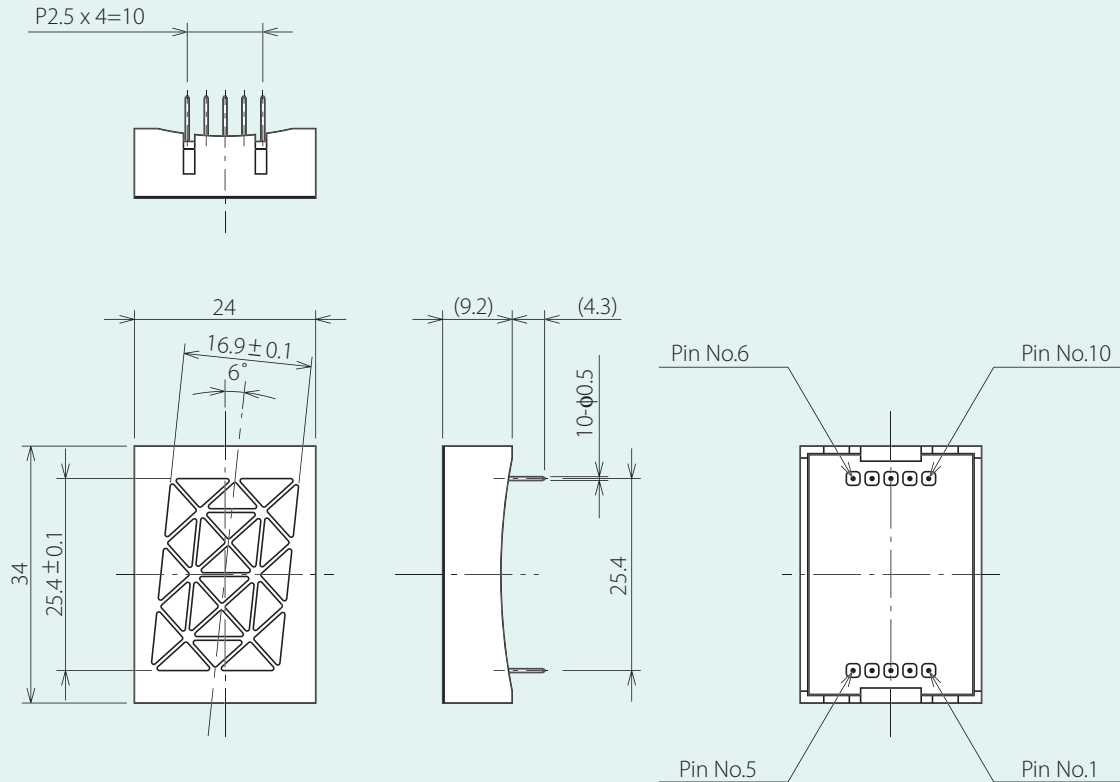
Optical Characteristics at Ta=25°C

Item		Part Number/Color					
		AD-24R	AD-24O	AD-24Y	AD-24G	AD-24B	AD-24W
		Red	Orange	Yellow	Green	Blue	White
Forward Voltage	Typ(V)		1.9		3.4		3.2
	IF(mA)		20		10		
Reverse Current	Max(mA)			100			
	VR(V)			5			
Peak Wavelength	Ip Typ(nm)	635	609	592	522	465	-
	IF(mA)		20		10		-
Spectral line half-width	DI Typ(nm)		15		35	26	-
	IF(mA)		20		10		-
Luminous Intensity	Min (mcd)		25		96	17	45
	Typ (mcd)	50	65		160	34	65
	IF(mA)		20			10	

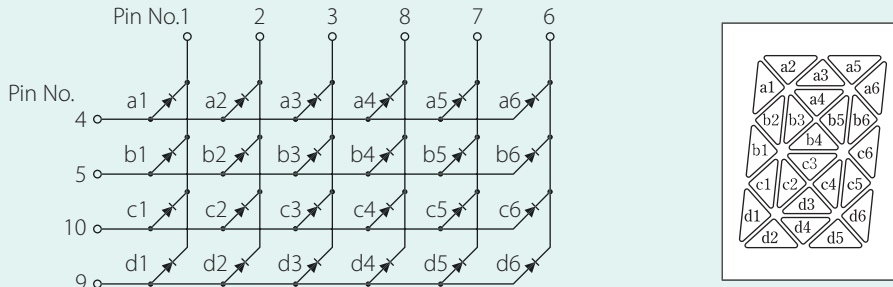
* Value for one LED Segment



Package Dimensions



Circuit diagram



The appearance and specifications of the product may be modified for improvement without notice.