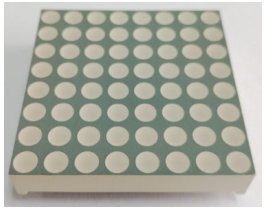
DOT MATRIX DISPLAY
AOM-C1988F SERIES



Product :
1.9 " 8X8 DOT MATRIX DISPLAY

Description
Dimension=48.0x48.0x9.0mm.
Black face & white dot

Absolute Maximum Ratings at Ta＝25℃

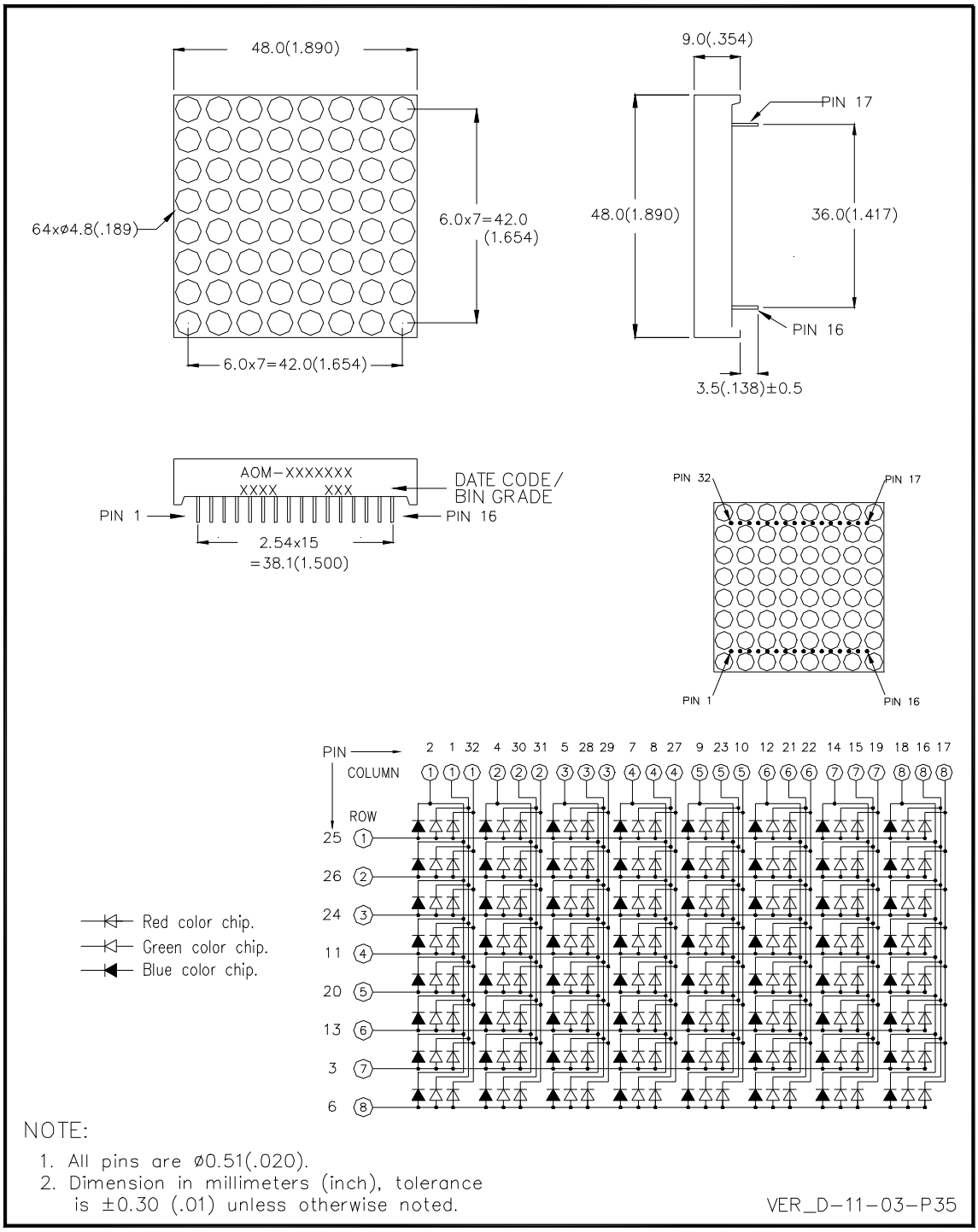
Parameter	Symbol	R	G	B	Unit
Power dissipation per dice	PAD	65	105	105	mW
Derating (from 25℃) per dice	-	0.33	0.4	0.4	mA/℃
Continuous forward current per dice	IAF	25	30	30	mA
Peak current per dice (duty cycle 1/10, 1kHz)	IPF	90	100	100	mA
Reverse voltage per dice	VR	5	5	5	V

Electrical / Optical Characteristics and Curves at Ta＝25℃, @20mA

PART No.	Chip Material		Dominant Wavelength (WD,nm)	VF(V)		IV(mcd)
Column Cathode/Row Anode				Typ.	Max.	Per Seg.
AOM-C1988FRGB-BW	R	AlGaInP	630 (Red Color)	2.0	2.5	90
	G	InGaN	520~530 (Green Color)	3.1	4.0	320
	B	InGaN	465~475 (Blue Color)	3.0	3.6	115

* Tolerance : ±20%.
* Specifications may change without notice. Please contact us for detailed specifications.
*Other chip material options :
S(660nm ,AlGaAs),E(635nm,GaAsP),G(570nm ,GaP)……
*Other face color ink options :
Black ,Gray,Red……

Package Dimension & Internal Circuit



NOTE:

1. All pins are ø0.51(.020).
2. Dimension in millimeters (inch), tolerance is ±0.30 (.01) unless otherwise noted.

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