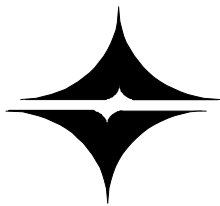


DATE : 2000. 02. 08.

SPECIFICATION

PRODUCT : LED DISPLAY

MODEL : ODC - O204ADM



OPTO ELECTRONICS CO., LTD.

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 OPTO ELECTRONICS CO.,LTD.	T I T L E L E D D I S P L A Y ODC-O204ADM	Document Number	OQSS-D-080
		Revision Number	IR
		Revision Date	2000. 02. 08.
		P A G E	1 O F 1

1. GENERAL DESCRIPTION

The ODC-O204 series of two digit consisted seven segments are designed to be used eve nin bright location.

The character height is 0.40inch (approximately 10.16 mm) and a choice of four emitting colors(RED, GREEN, ORANGE, YELLOW) and two configurations (common ANODE, common CATHODE) are possible.

2. FEATURES

- High brightness with high contrast
- Wide angle viewing
- Low power consumption
- Solid state reliability
- Long operation life time

3. ABSOLUTE MAXIMUM RATINGS. (Ta=25℃)

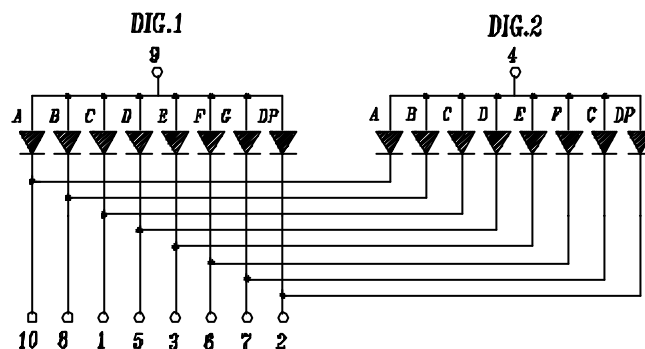
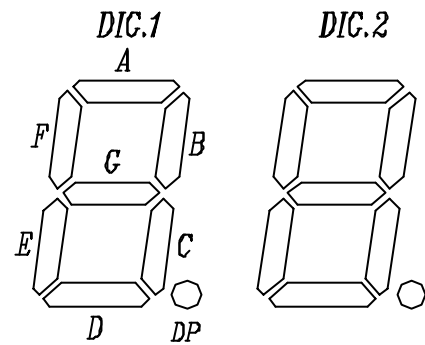
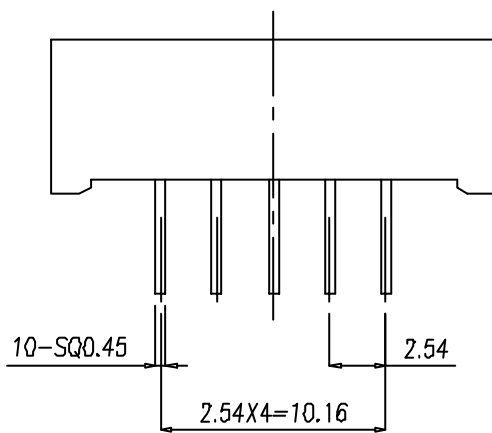
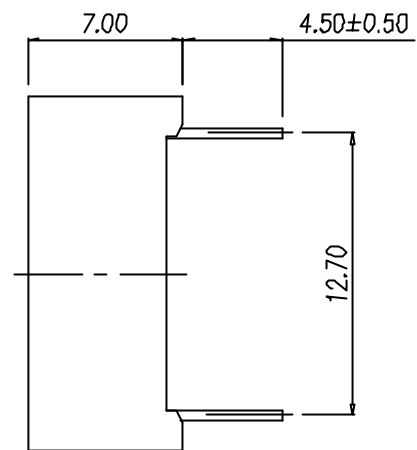
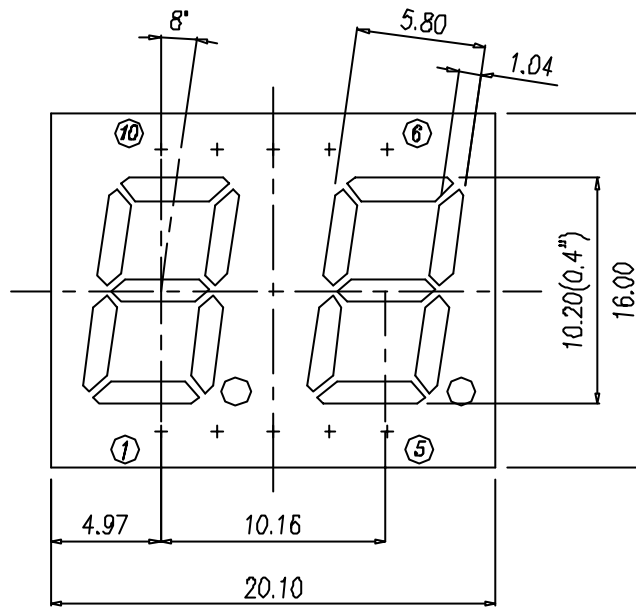
Parameter	Symbol	Rating	Unit
Power Dissipation	P _D	832	mW
Power Dissipation	P _D /seg	52	mW
Forward Current	I _F	20	mA
Peak Forward Current *1	I _{FP}	50	mA
Reverse Voltage	V _R /seg	5	V
Operating Temperature	T _{opr}	-25 ~ +70	℃
Storage Temperature	T _{stg}	-30 ~ +80	℃
Soldering Temperature	T _{sol}	260℃ within 5 seconds	

4. ELECTRO - OPTICAL CHARACTERISTICS (Ta=25℃)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage	V _F	I _F =20mA	-	1.95	2.60	V
Luminous Intensity *2	I _V	I _F =20mA	250	-	350	mcd
Peak Emission Wavelength	λ _p	I _F =20mA	-	630	-	nm
Spectrum Radiation Bandwidth	Δλ	I _F =20mA	-	40	-	nm
Reverse Current	I _R	V _R =5V	-	-	100	μA

NOTE *1. Duty Ratio= ¼

*2. Assembled into T1¾ plastic package



<Common Anode>

DATE 2000. 02. 08.

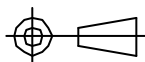
UNIT mm

SCALE N/S

MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE AS FOLLOWS:

0 - 6	±0.1
6 - 15	±0.15
15 - 60	±0.2
60 - 200	±0.3
200 - ∞	±0.5



ANGULAR TOLERANCE ±0.5°

TITLE

ODC-0204ADM



OPTO ELECTRONICS CO.,LTD

D.W.G NO.

OD01 - 080