



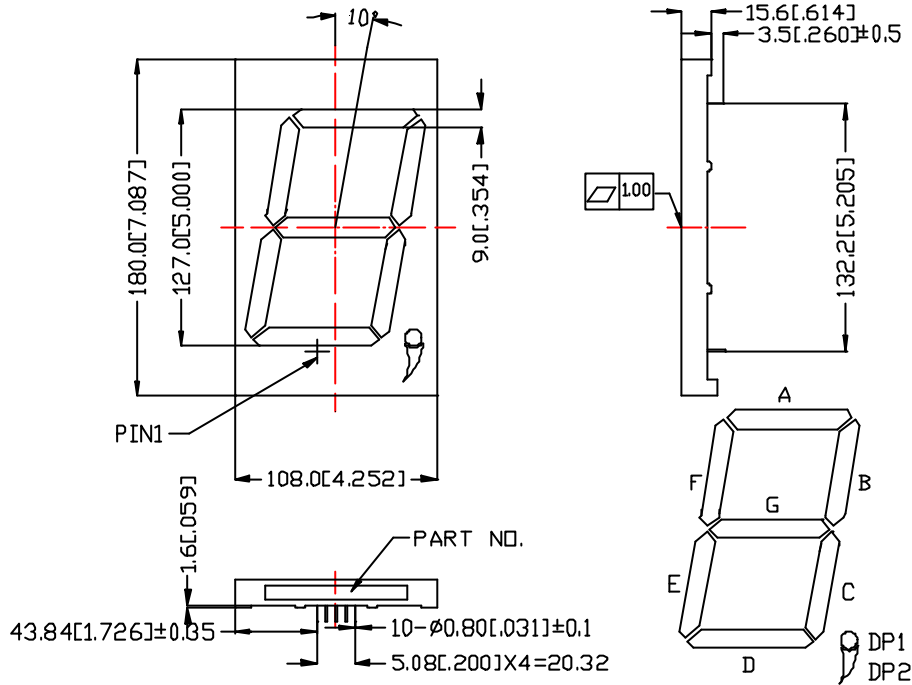
LD1-BWE0R6-A11

DATA SHEET

COTCO			CUSTOMER
NOTE:			

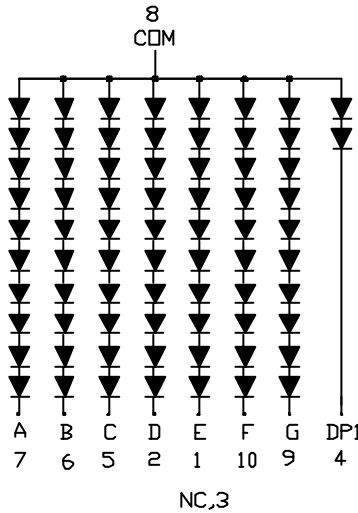
REVISION: 01

Outer Dimension:



Notes: Unless otherwise stated, The tolerance is $\pm 0.25\text{mm}$.

Circuit Diagram:



Pin Connection:

PIN NO.	CONNECTION	PIN NO.	CONNECTION
1	Cathode E	6	Cathode B
2	Cathode D	7	Cathode A
3	NC	8	Common Anode
4	Cathode DP1	9	Cathode G
5	Cathode C	10	Cathode F



COTCO INTERNATIONAL LTD

Features:

- High Reliability
- Color: Red Digit
- Low Power Requirement
- Easy Assembly

Description:

- Single Digit Display
- Digit Height: 127.0mm(5.0")
- Black Face And Encapsulation With White Epoxy

Absolute Maximum Rating (Ta=25)::

Parameter	Symb	Condition	Color	Rating	Units
Power Dissipation Segment/DP	P _d		Red	575/115	mW
Forward Current Segment	I _F		Red	25	mA
Derating Of If Per Segment	I _F	Ta 25	Red	0.30	mA/
Peak Forward Current Per Segment	I _{FP}	1/10 Duty 10KHz	Red	100	mA
Reverse Voltage Per Segment/DP	V _R		Red	50/10	V
Operating Temperature Range	Topr			-35 +85	
Storage Temperature Range	Tstg			-35 +85	

Electrical/Optical Characteristics Rating(Ta=25)::

Item	Symbol	Test conditions	Location	Color	Rating			Units
					Min.	Typ.	Max	
Forward Voltage	V _F	I _F =20mA	Per Segment	Red	—	3.9	4.6	V
			DP			19.5	23	
Reverse Current	I _R	V _R =50V	Per Segment	Red	—	—	100	μA
		V _R =10V	DP					
Luminous Intensity	I _V	I _F =10mA	Per Segment	Red	10.0	20.0	—	mcd
Wave Length	P D	I _F =20mA	Per Segment	Red	—	640	—	nm
						660		
Spectral Line Half Width		I _F =20mA	Per Segment	Red	—	20	—	nm
Luminous Intensity Matching Ratio (Segment To Segment)	I _{v-m}	I _F =10mA					2:1	

Notes: Luminous intensity tolerance : +/-10%

Soldering Conditions: Soldering Temp. +260 , Soldering Time. 3sec.

(at 2mm Distance from The Case of Reflector Edge)