WCN2SX-1040SR-A2

SPECIFICATION

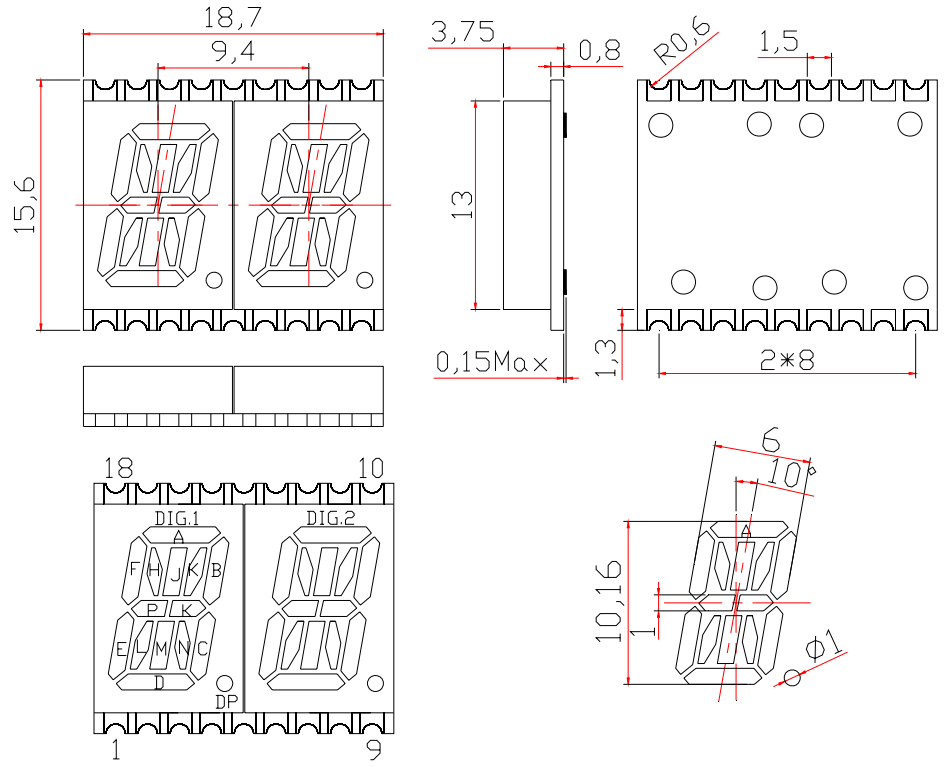
WCN			CUSTOMER Confirmed
Prepared by	Checked by	Approved by	
Zhang 2018-10-29	Athena	William	
REVISION RECORD			

RoHS

开发部 WCN

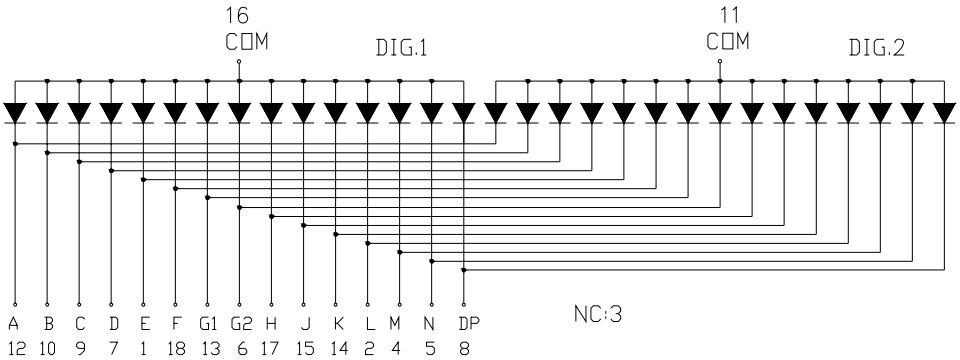
REVISION: A0

■ Outer Dimension:



Notes: Unless otherwise stated, the tolerance is ±0.25mm.

■ Circuit Diagram



■ Connection:

PIN NO.	CONNECTION	PIN NO.	CONNECTION
1	Cathode E	10	Cathode B
2	Cathode L	11	Common Anode DIG.2
3	NC	12	Cathode A
4	Cathode M	13	Cathode G1
5	Cathode N	14	Cathode K
6	Cathode G2	15	Cathode J
7	Cathode D	16	Common Anode DIG.1
8	Cathode DP	17	Cathode H
9	Cathode C	18	Cathode F

WCN Opto Group Co., Limited

■ Features:

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

■ Description:

- . Dual Digit Alphanumeric LED Display
- . Digit Height:10.16mm(0.40″)
- . Gray Face and Milky Segment

■ Absolute Maximum Rating (Ta=25℃):

Parameter	Symbol	Condition	Color	Rating	Units
Power Dissipation Per Segment	P_d	—	Red	65	mW
Forward Current Per Segment	I_F	—	Red	25	mA
Peak Forward Current Per Segment	I_{FP}	1/10 Duty 10KHz	Red	100	mA
Reverse Voltage Per Segment	V_R	—	Red	5	V
Operating Temperature Range	Topr	—	—	-40～+105	℃
Storage Temperature Range	Tstg	—	—	-40～+105	℃

■ Electrical/Optical Characteristics Rating(Ta=25℃)

Item	Symbol	Test conditions	Location	Rating			Units
				Min.	Typ.	Max.	
Forward Voltage	V_F	I_F=20mA	Per Segment	1.8	2.00	2.60	V
Reverse Current	I_R	V_R=5V	Per Segment	—	—	100	μA
Luminous Intensity	I_V	I_F=10mA	Per Segment	4001	5500	7200	μ cd
Peak Emission Wave Length	λ_P	I_F=20mA	Per Segment	—	635	—	nm
	λ_D				630		
Spectral Line Half Width	△λ	I_F=20mA	Per Segment	—	20	—	nm
Luminous Intensity Matching Ratio (Segment to Segment)	I_{v-m}	I_F=10mA	—	—	—	1.2:1	

■ Luminous Intensity Sorting: (Luminous Intensity Tolerance is +/-10%)

Rank	Symbol	Condition	Min	Max	Unit
L	L	I_F=10mA	4001	5000	μcd
M	M	I_F=10mA	5001	6100	μcd
N	N	I_F=10mA	6101	7200	μcd

■ Soldering Conditions: Soldering Temp. ≦+260℃, Soldering Time. ≦3sec.

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