

0.8" Single Digit Display

FEATURES

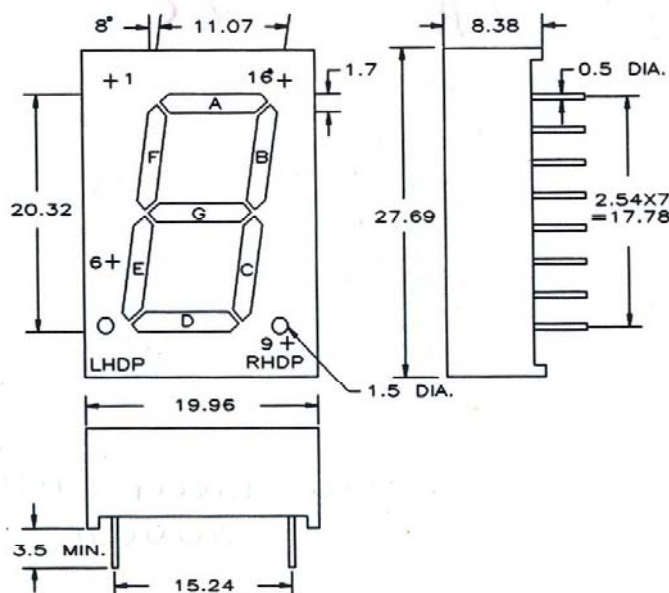
- 0.8" digit height
- Left and Right hand decimal point
- Additional colors/materials available

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	PEAK WAVE LENGTH (nm)	EMITTED COLOR	FACE COLORS		MAXIMUM RATINGS			OPTO-ELECTRICAL CHARACTERISTICS						PIN-OUT	
			SURFACE COLOR	EPOXY COLOR	IF (mA)	VR (V)	PD (mW)	VF(V)			IR(μA)		Iv(μcd)		
								typ.	max.	@mA	max.	@VR	typ. per seg.		@mA
MTN2180-AG	567	Green	Grey	White	30	5	85	2.1	3.0	20	100	5	3300	10	1
MTN4180-AO	635	Orange	Grey	White	30	5	85	2.1	3.0	20	100	5	3800	10	1
MTN4180-AHR	635	Hi-Eff Red	Red	Red	30	5	85	2.1	3.0	20	100	5	3800	10	1
MTN7180M-11A	660	Ultra Red	Grey	White	30	4	70	1.7	2.2	20	100	4	20000	20	1
MTN2180-CG	567	Green	Grey	White	30	5	85	2.1	3.0	20	100	5	3300	10	2
MTN4180-CO	635	Orange	Grey	White	30	5	85	2.1	3.0	20	100	5	3800	10	2
MTN4180-CHR	635	Hi-Eff Red	Red	Red	30	5	85	2.1	3.0	20	100	5	3800	10	2
MTN7180M-11C	660	Ultra Red	Grey	White	30	4	70	1.7	2.2	20	100	4	20000	20	2

Operating Temperature: -25~+85, Storage Temperature: -25~+100. Other face/epoxy colors are available.

PACKAGE DIMENSIONS AND PIN FUNCTIONS



PINOUT 1 COMMON ANODE

PIN NO.	FUNCTION
1.	CATHODE A
2.	CATHODE F
3.	COMMON ANODE
4.	CATHODE E
5.	COMMON ANODE
6.	CATHODE LHDP
7.	NO PIN
8.	NO PIN
9.	CATHODE RHDP
10.	CATHODE D
11.	COMMON ANODE
12.	CATHODE C
13.	CATHODE G
14.	CATHODE B
15.	NO PIN
16.	COMMON ANODE

PINOUT 2 COMMON CATHODE

PIN NO.	FUNCTION
1.	ANODE A
2.	ANODE F
3.	COMMON CATHODE
4.	ANODE E
5.	COMMON CATHODE
6.	ANODE LHDP
7.	NO PIN
8.	NO PIN
9.	ANODE RHDP
10.	ANODE D
11.	COMMON CATHODE
12.	ANODE C
13.	ANODE G
14.	ANODE B
15.	NO PIN
16.	COMMON CATHODE

1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS ±0.25mm UNLESS OTHERWISE SPECIFIED.
2. THE SLOPE ANGLE OF ANY PIN MAY BE ±5.0° MAX.



120 Broadway • Menands, New York 12204
Toll Free: (800) 98-4LEDS • Fax: (518) 432-7454

For up-to-date product info visit our web site at www.marktechopto.com

All specifications subject to change.