

F-TOD-F3297AMR-N-1-HF

SMD Display LED

Part Number	Chip		Face Color	Segment Color
	Material	Source Color		
F-TOD-F3297AMR-N-1-HF	AlGaInP	Ultra-Red	Gray	White

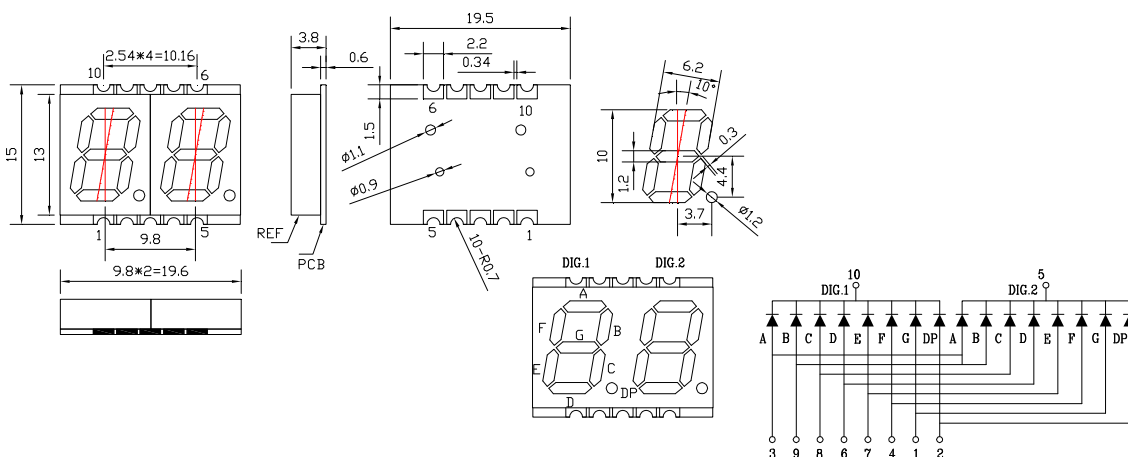
Features

- (0.39") 10.0mm digit height
- Common cathode
- I.C. compatible
- Low power consumption
- RoHS compliant
- Moisture sensitivity level:2a

Applications

- Audio equipment
- Instrument panels
- Digital read out display

Package Dimensions & Internal Circuit Diagram



Notes:

1. All dimensions are in millimeters, tolerance: ± 0.25 ; Angle: $\pm 0.1^\circ$ unless otherwise noted.
2. Specifications are subject to change without notice.

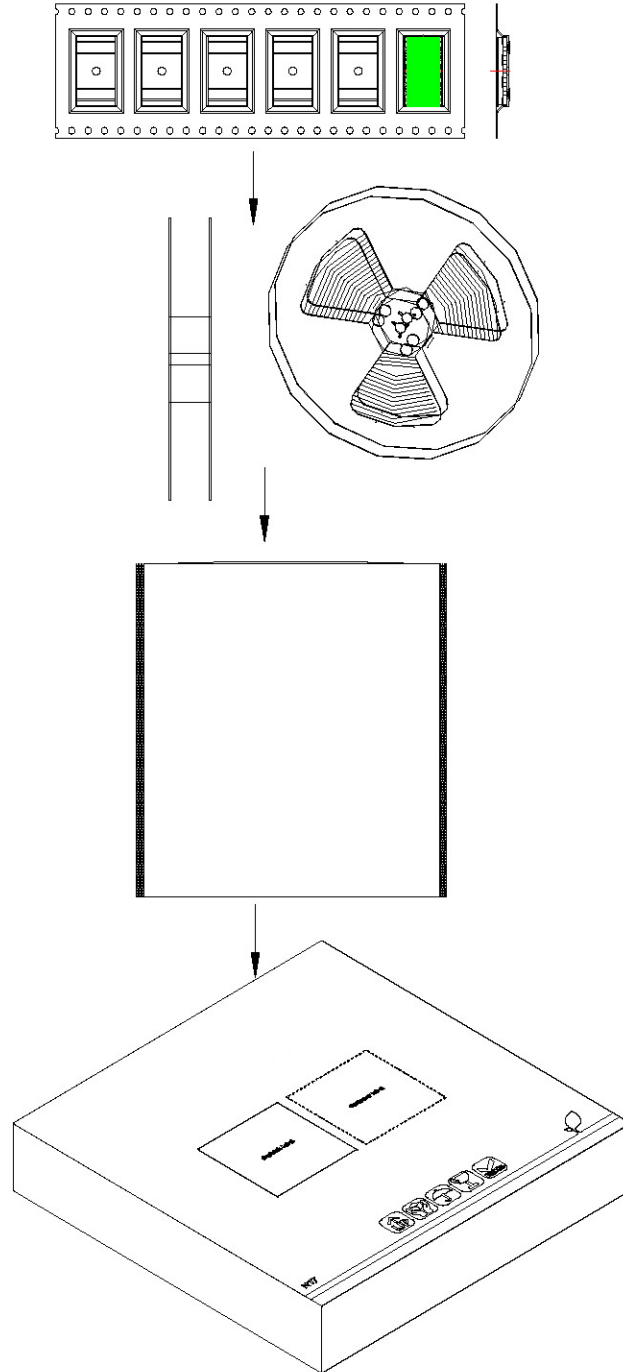
Absolute Maximum Rating @ Ta=25°C

Parameter	Maximum Rating	Unit
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	80	mA
Power Dissipation	75	mW
Continuous Forward Current	20	mA
Recommend Operating Current	12	mA
Reverse Voltage	5	V
Operating Temperature Range	-25°C to +85°C	
Storage Temperature Range	-30°C to +85°C	
Lead-Free Solder Temperature	250°C for 10 Sec	

Electrical / Optical Characteristic @ Ta=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition	Grade
Dominant Wavelength	λ_d	625	630	635	nm	$I_F=20mA$	
Spectral Line Half-Width	$\Delta\lambda$		15		nm	$I_F=20mA$	
Forward Voltage	V_F	1.8	2.0	2.3	V	$I_F=20mA$	
Reverse Current	I_R			10	μA	$V_R=5V$	
Luminous Intensity Matching Rate	lv-m			2.0:1		$I_F=20mA$	

Package Description



500 Pcs/ Roll

500 Pcs/ Box