



SPECIFICATION FOR APPROVAL

CUSTOMER NAME : InterElcom

PART NO. : IE-2R-20562NN-SMD

ISSUE : 2021/1/21

DATELOT NO : 2021012101

- Absolute Maximum Ratings

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	Pd	50	mW
Peak Forward Current	Ifp	100	mA
Continuous Forward Current	Ifm	20	mA
Reverse Voltage	VR	5	V
Operating Temperature Range	Tstg	-35~+85	°C
Storage Temperature Range	Tstg	-35~+85	°C

*Lead Soldering Temperature: 260°C for 3 seconds

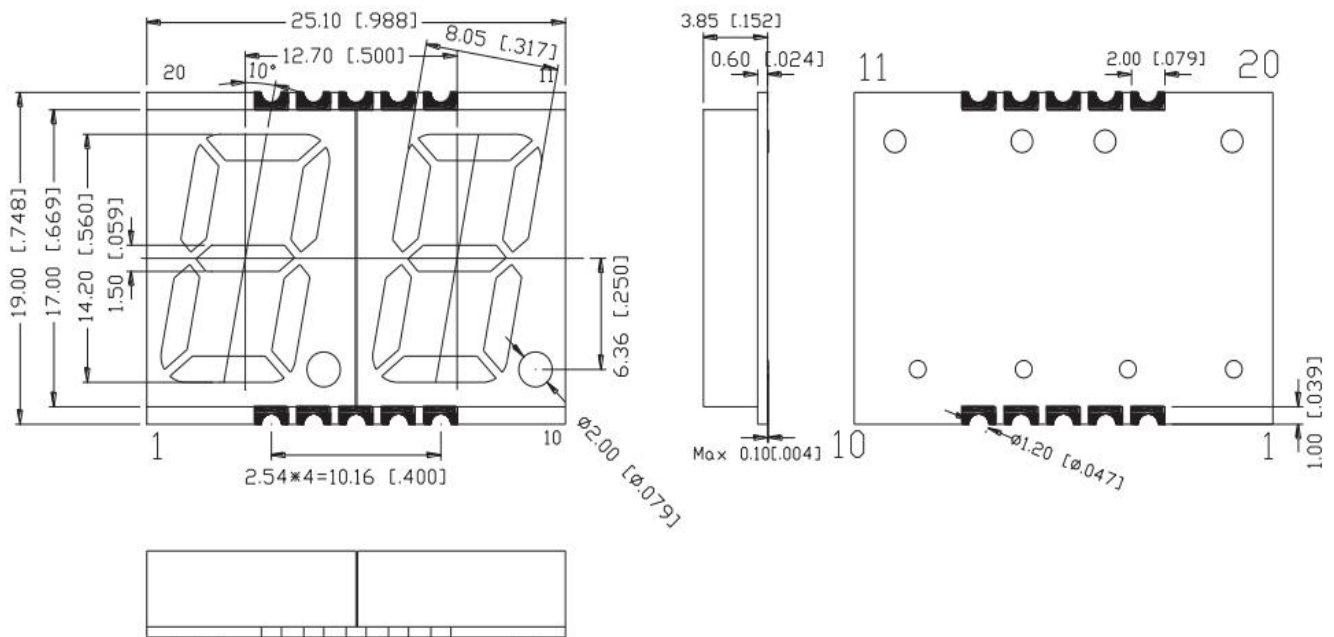
For operation above 25°C. The Ifm Ifp & Pd must be derated. The Current derating is -0.36mA/°C for DC drive and -0.86mA/°C for Pulse drive, the power dissipation is -0.75mW/°C. The product working current must not more than the 60% of the Ifm or Ifp according to the working temperature.

- Optical-Electrical Characteristic

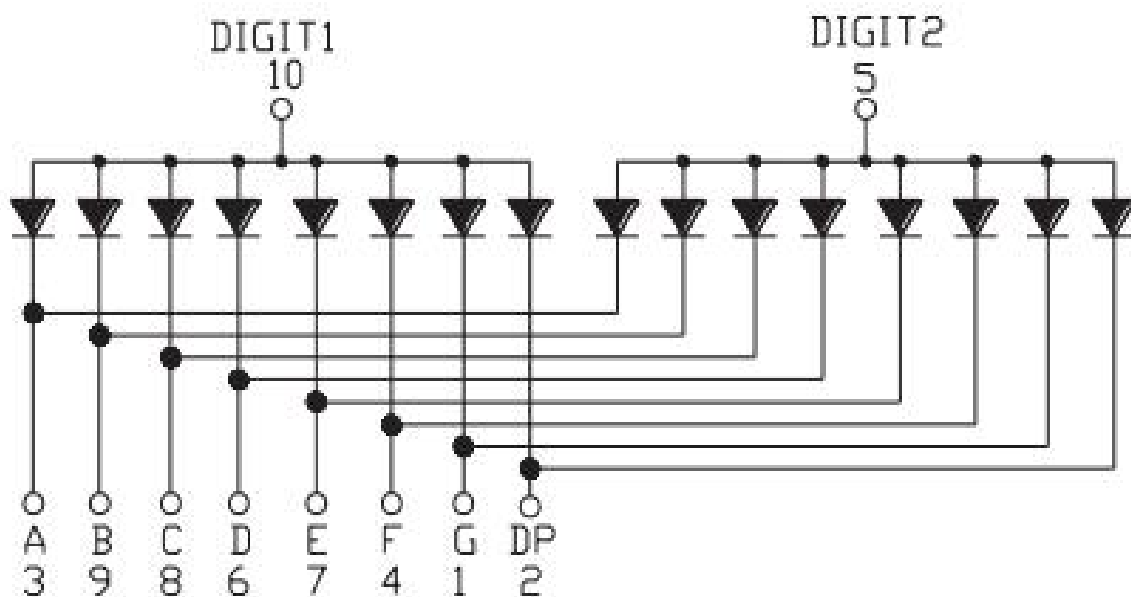
Parameter	Test Condition	Symbol	Color	Min	Type	Max	Unit
Luminous Intensity	IF=5mA	Iv	Red	70	-	90	Mcd
Forward Voltage	IF=20mA	VF	Red	1.8	-	2.2	V
REVERSE Current	VR = 5V	IR	Red	-	10	-	uA
Peak Wavelength	IF=5mA	λ_p	Red	620	-	623	nm
Spectral Bandwidth	IF=20mA	$\Delta\lambda$	Red	-	20	-	nm
View Angle	IF10=mA	2θ1/2	Red	-	-	2:1	Deg.

- Mechanical Outline:

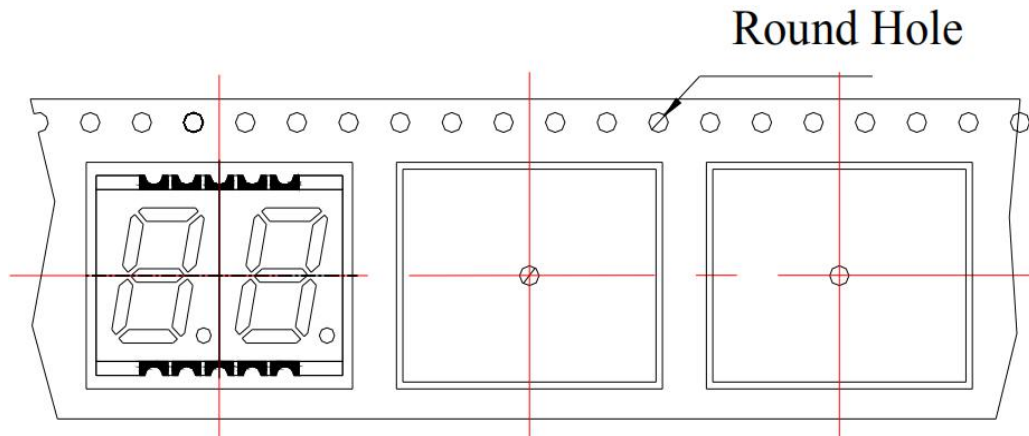
nspecified Tolerances is: $X \pm 0.2\text{mm}$



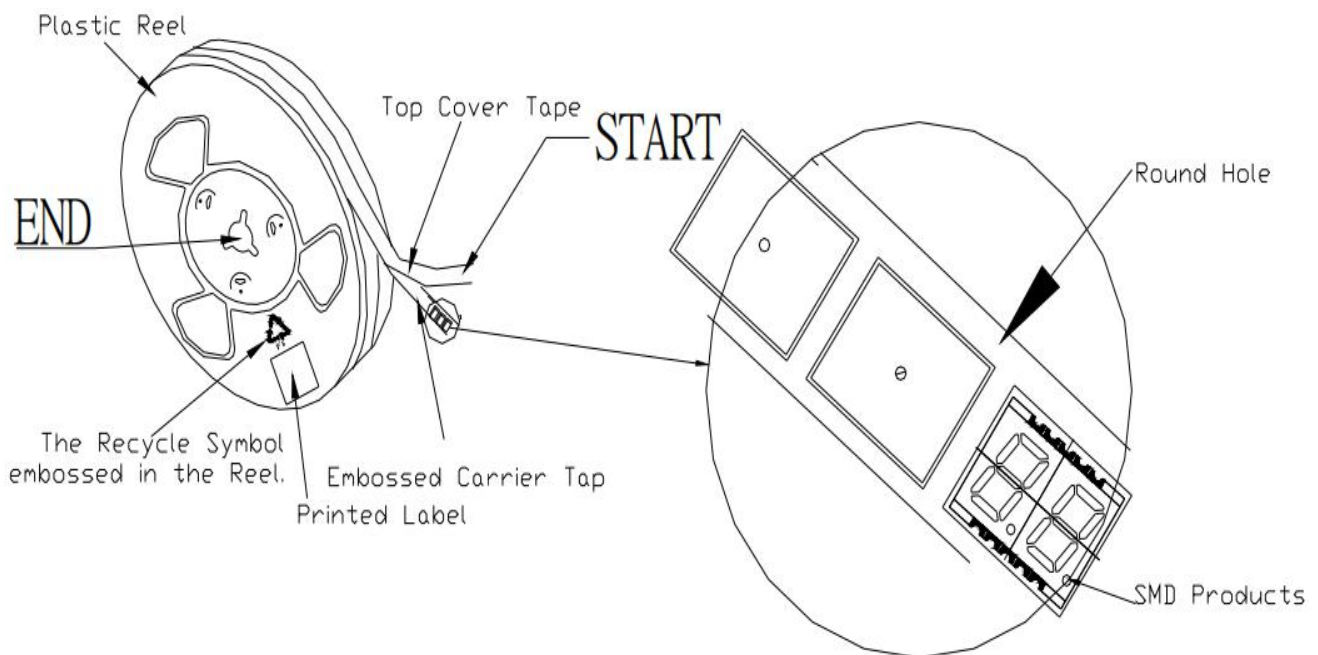
Circuit Diagram :



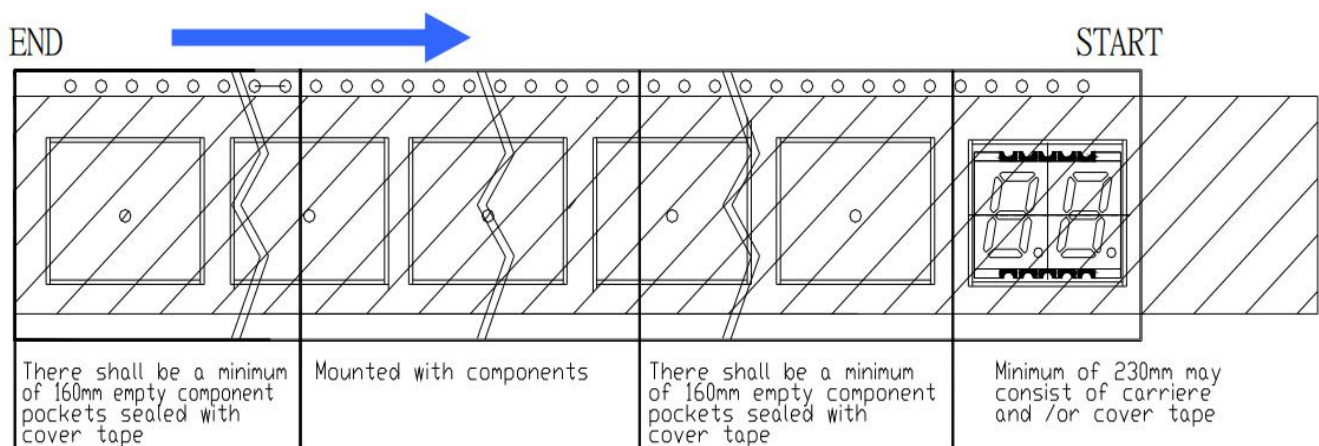
The Products In The Reel Of Direction:



Label Direction & Content In The Roll:



User Feed Direction:



Packing Quantity) : 400PCS/reel