

# LEDYOUNG LEDYOUNG TECHNOLOGY CORPORATION

Rev	Date	ECN or QCN.No	Description of Change	Issue	Check	Approval
A	2010-5-30		NEW SPEC	王秋云	WFM	TACO
Part No:		LYT-216161SR-02		File No:		DS-T-161-SR

# **LEDYOUNG** LEDYOUNG TECHNOLOGY CORPORATION

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**DOT MATRIX DISPLAY**

**LYT-216161SR-02**

**DATA SHEET**

**FILE NO: DS-T-161SR**

**REV: A**

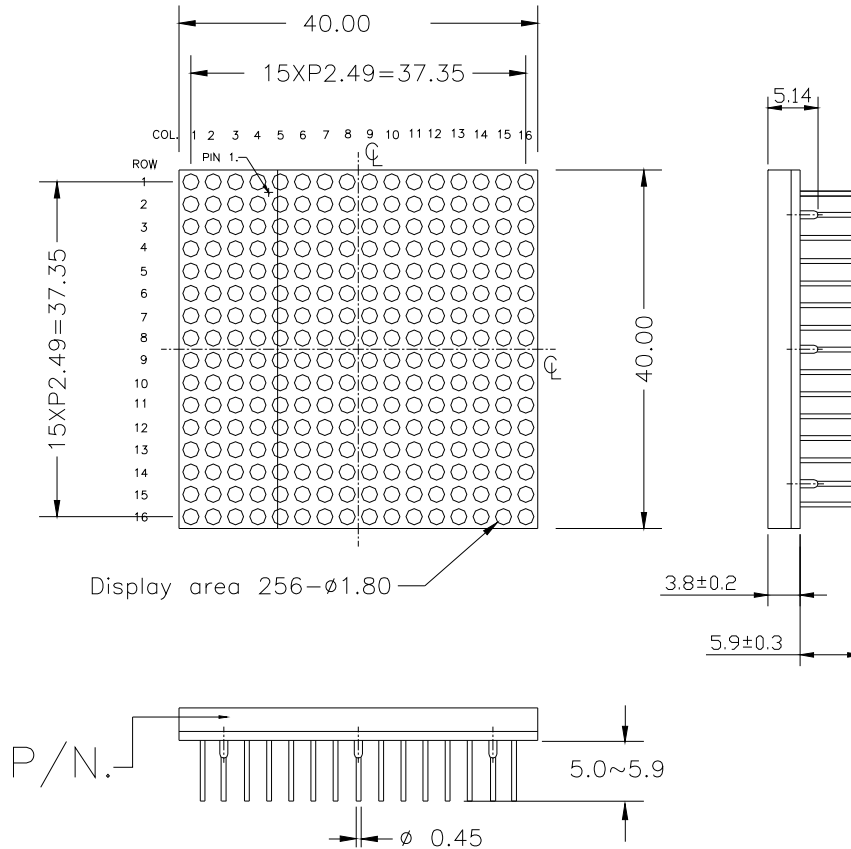
**CREATED: 2010-5-30**

**EFFECTIVED: 2010-5-30**

## 1 DISCRIPTION:

The LYT-216161SR-02 is  $\Phi 2\text{mm}$  16\*16 dot matrix display.  
 It is column common cathode; diffuse taping on black ink and air type.  
 The "SR" is super bright red color.

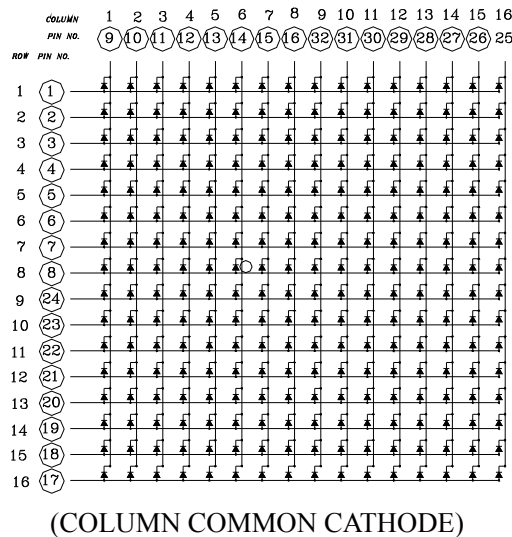
## 2 PACKAGE DIMENSION:



### NOTES:

1. All dimensions are in millimeters.
2. All the tolerance is  $\pm 0.25\text{mm}$ , unless otherwise noted.

## 3 INTERNAL CIRCUIT DIAGRAM:



## 4 ABSOLUTE MAXIMUN RATING

ITEM	STMBOL	ABS.MAXIMUN RATJNG	TEST CONDITION
Forward current/segment	If	20mA	Ta=25°C
Reverse voltage/segment	Vr	5V	
Reverse current /segment	IR	100μA	
Power dissipation/segment	Pd	45mw	
Operating temperature	Topr	-20~ + 60°C	
Storage temperature	Tstg	-25~ + 65°C	

## 5 ELECTRICAL / OPTICAL CHARACTERISTICS

PARAMETER	SYMBOL	RATING			TEST CONDITION	REFERENCE
		MIN.	TYP.	MAX.		
Forward Voltage/ segment	VF	-	2.05V	2.25V	IF =15mA/series	Ta = 25 °C
Peak Emission Wavelength	λ P	635nm	640nm	645nm		
Spectral line half-width	Δ λ	-	15nm	-		
Reverse voltage/ segment	IR	-	90μA	-	Vr=5V	