

PART No: E1-3040AUR3

Client:

Single Chip Light Electricity Characteristic Data

※Absolute Maximum Ratings at Ta=25℃

Parameter	Rating	Unit
Power Dissipation Per Chip	50	mW
Perk Forward Current Per Chip (Frequency 10KHz, 1/10Duty Cycle)	60	mA
Reverse Voltage Per Chip	5	V
Operating Temperature Range	-20~+80	℃
Storage Temperature Range	-20~+85	℃
Storage Humidity	45% ~ 85%	

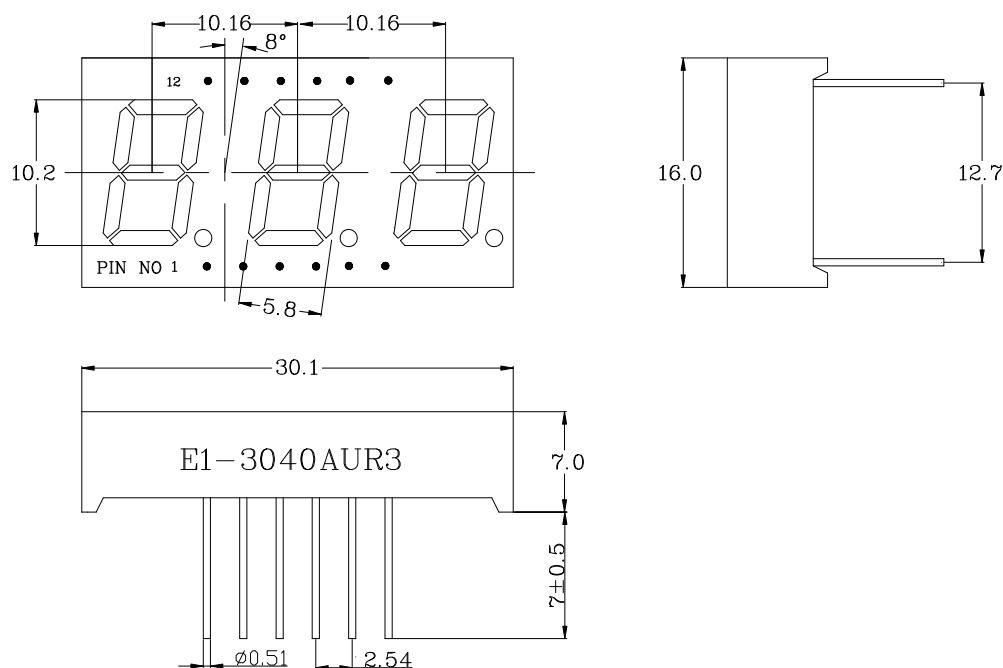
※Electrical and Optical Characteristics at Ta=25℃

Parameter	Symbol	Condition	Color	Min	Typ	Max	Unit
Forward Voltage Per Chip	VF	IF=20mA	Red	1.7	2.0	2.5	v
Reverse Current	IR	VR=5V	-	-	-	50	uA
Luminous Intensity Per Chip	IV	IF=20mA	Red	30	45	60	mcd
Dominant Wave Length	λ_d	IF=20mA	Red	625	630	640	nm
Normal Forward Current	IF		All Color	5	10	20	mA

Note: Soldering Bath: not more than 4 seconds @260℃. The bottom ends of plastic reflector should be at least 2mm above the solder surface.

Soldering Iron: not more than 3 seconds @300℃ under 30W.

PACKAGE DIMENSION (Unit: mm Tolerance: ± 0.5)



INTERNAL CIRCUIT DIAGRAM

Pin Function

