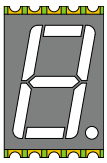
0.56” Single-Digit Suface Mount LED Display

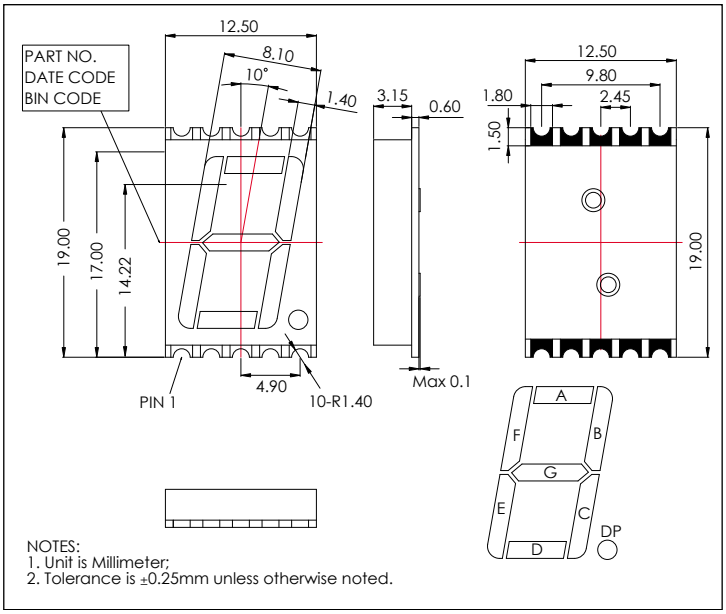


0.56" (14.22mm) digit height

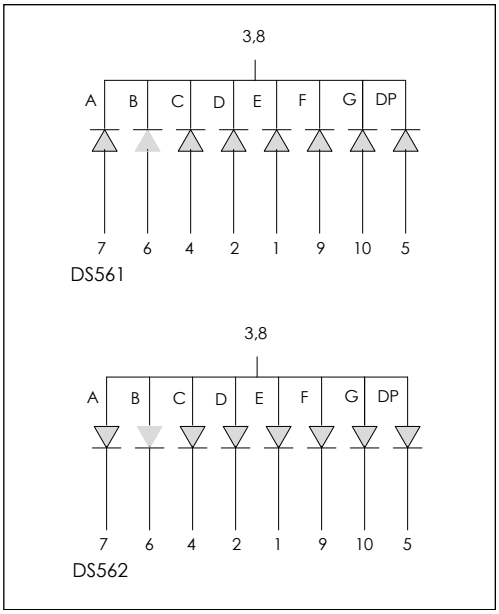
● ABSOLUTE MAXIMUM RATINGS : (Ta=25℃)

PARAMETER	WHITE	BLUE	SUPER AMBER	SUPER RED	SUPER GREEN	SUPER YELLOW	UNIT
Power Dissipation Per Seg	100	100	65	65	65	55	mW
Peak Forward Current Per Seg (1/10 Duty Cycle, 0.1ms Pulse Width)	100	100	100	100	100	100	mA
Continuous Forward Current Per Seg	25	25	25	25	25	25	mA
Derating Linear From 25℃ Per Seg	0.33	0.33	0.33	0.33	0.33	0.33	mA/℃
Reverse Voltage Per Seg	5	5	5	5	5	5	v
Operating Tem Range	-40℃ to + 105℃						
Storage Tem Range	-40℃ to + 105℃						
Solder Tem 1/16 inch Below Seating Plane at 260℃ for 3 seconds							

● PACKAGE DIMENSIONS



● INTERAL CIRCUIT DIAGRAM



● ELECTRIAL/OPTICAL CHARACTERISTICS

PART NO.	COLOR	λp/λd (nm)	Half-Spectral Width(Δλ)	Description	AVERAGE LUMINOUS INTENSITY			FORWARD VOLTAGE	
					Min(mcd)	Typ.(mcd)	@ IF(mA)	Typ.(V)	@ IF(mA)
DS5623BW…	WHITE	X ; Y (0.29 ; 0.30)	---	CA	8.6	16.0	10	3.5	20
DS5613BW…				CC					
DS5620B…	BLUE	470/470	26	CA	5.4	13.0	10	3.5	20
DS5610B…				CC					
DS5629V…	SUPER AMBER	611/605	17	CA	8.6	18.0	10	2.1	20
DS5619V…				CC					
DS5629Q2…	SUPER RED	632/624	20	CA	8.6	16.0	10	2.1	20
DS5619Q2…				CC					
DS5629T…	SUPER GREEN	573/571	15	CA	5.4	10.0	10	2.1	20
DS5619T…				CC					
DS5629C…	YELLOW	591/589	15	CA	8.6	18.0	10	2.1	20
DS5619C…				CC					

Notes : The component is available in :

● **Low Current**