



Features

- * LOW CURRENT REQUIREMENTS
- * EXCELLENT CHARACTER APPEARANCE
- * HIGH LIGHT OUTPUT
- * RELIABLE AND RUGGED
- * IC COMPATIBLE

Absolute Maximum Ratings at T_A=25°C

REVERSE VOLTAGE PER LED CHIP ($\leq 100\mu A$)GaAsP RED 3.0V, OTHER 5.0V
D.C. FORWARD CURRENT PER LED CHIP 30 mA
PULSE CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH) PER LED CHIP 100 mA
OPERATING TEMPERATURE RANGE -25°C TO +85°C
STORAGE TEMPERATURE RANGE -25°C TO +100°C
LEAD SOLDERING TEMP. (1.6mm FROM SEATING PLANE) 260°C FOR 5 SEC.

Electrical/optical characteristics at T_A=25°C

PART NUMBER		LED CHIP		FACE COLOR		PEAK WAVELENGTH @20mA(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10mA(mcd)	
COMMON ANODE	COMMON CATHODE	MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		TYP.	MAX.	MIN.	TYP.
DA20-040SR-VEW	DC20-040SR-VEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
DA20-040SG-VEW	DC20-040SG-VEW	GaP	GREEN	GREY	WHITE	567	2.1	3.0	1.7	2.9
DA20-040SY-VEW	DC40-040SY-VEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.4	2.3
DA20-040SO-VEW	DC40-040SO-VEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.0	3.3
DA20-040SH-VRR	DC40-040SH-VRR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	2.1	3.0	2.0	3.3

Package Dimensions And Pin Function

Technical drawings showing top, side, and pin views of the dual digit display package. Dimensions are in mm. The top view shows two digits with segments labeled A through G and DP. Pin numbers 1 through 10 are indicated. The side view shows a height of 16.0 mm and a width of 7.0 mm. The pin view shows a total width of 20.27 mm and a pin pitch of 2.54 mm (4 pins).

<p>COMMON ANODE</p> <p>PIN NO. FUNCTION</p> <p>1.CATHODE D</p> <p>2.CATHODE DP</p> <p>3.CATHODE E</p> <p>4.CATHODE C</p> <p>5.DIGIT 2 COMMON ANODE</p> <p>6.CATHODE B</p> <p>7.CATHODE A</p> <p>8.CATHODE F</p> <p>9.CATHODE G</p> <p>10.DIGIT 1 COMMON ANODE</p>	<p>COMMON CATHODE</p> <p>PIN NO. FUNCTION</p> <p>1.ANODE D</p> <p>2.ANODE DP</p> <p>3.ANODE E</p> <p>4.ANODE C</p> <p>5.DIGIT 2 COMMON CATHODE</p> <p>6.ANODE B</p> <p>7.ANODE A</p> <p>8.ANODE F</p> <p>9.ANODE G</p> <p>10.DIGIT 1 COMMON CATHODE</p>
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1.ALL DIMENSIONS ARE IN mm, TOLERANCE IS ± 0.25 mm UNLESS OTHERWISE NOTED.
2.THE SLOPE ANGLE OF ANY PIN MAY BE $\pm 5.0^\circ$ MAX.