



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 (<100µ 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)				
				TYP.	MAX.	MIN.	TYP.			
DA20-028SR-ABW	DC20-028SR-ABW	GaP	RED	BLACK	WHITE	700	2.1	3.0	0.5	0.8
DA20-028SG-ABW	DC20-028SG-ABW	GaP	GREEN	BLACK	WHITE	567	2.1	3.0	1.5	2.5
DA20-028SY-ABW	DC20-028SY-ABW	GaAsP ON GaP	YELLOW	BLACK	WHITE	585	2.1	3.0	1.2	2.1
DA20-028SO-ABW	DC20-028SO-ABW	GaAsP ON GaP	ORANGE	BLACK	WHITE	635	2.1	3.0	1.7	2.9
DA20-028SH-ARR	DC20-028SH-ARR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	2.1	3.0	1.7	2.9

Package Dimensions And Pin Function

COMMON ANODE

PIN NO. FUNCTION

- 1.CATHODE E
- 2.CATHODE D
- 3.CATHODE C
- 4.CATHODE G
- 5.CATHODE DP
- 6.COMMON ANODE (DIGIT 2)
- 7.CATHODE A
- 8.CATHODE B
- 9.COMMON ANODE (DIGIT 1)
- 10.CATHODE F

COMMON CATHODE

PIN NO. FUNCTION

- 1.ANODE E
- 2.ANODE D
- 3.ANODE C
- 4.ANODE G
- 5.ANODE DP
- 6.COMMON CATHODE (DIGIT 2)
- 7.ANODE A
- 8.ANODE B
- 9.COMMON CATHODE (DIGIT 1)
- 10.ANODE F

1.ALL DIMENSIONS ARE IN mm, TOLERANCE IS ±0.25mm UNLESS OTHERWISE NOTED.
2.THE SLOPE ANGLE OF ANY PIN MAY BE ±5.0°MAX.