



Features

- * LOW CURRENT REQUIREMENTS
- * EXCELLENT CHARACTER APPERANCE
- * 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 3 SEC.

Electrical/optical characteristics at T_A=25°C

PART NUMBER	COMMON ANODE	COMMON CATHODE	LED CHIP		FACE COLOR		PEAK WAVELENGTH @20mA(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10mA(mcd)	
			MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		TYP.	MAX.	MIN.	TYP.
DA20-030SR-AEW		DC20-030SR-AEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
DA20-030SG-AEW		DC20-030SG-AEW	GaP	GREEN	GREY	WHITE	567	2.1	2.6	1.7	2.9
DA20-030SY-AEW		DC20-030SY-AEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.4	2.3
DA20-030SO-AEW		DC20-030SO-AEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.0	3.3
DA20-030SH-ARR		DC20-030SH-ARR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	2.1	3.0	2.0	3.3

Package Dimensions And Pin Function

Technical drawing showing top, side, and pin views of the dual digit display package. Dimensions include 6.3mm, 10°, 7.62mm, 0.8mm, 4.0mm, 15.5mm, 6.2±0.5mm, 2.54x4=10.16mm, 15.0mm, 7.0mm, 0.5 DIA., and 10.16mm.

<p>COMMON ANODE PIN NO. FUNCTION</p> <ol style="list-style-type: none"> 1.CATHODE G 2.CATHODE DP 3.CATHODE A 4.CATHODE F 5.DIGIT 2 COMMON ANODE 6.CATHODE D 7.CATHODE E 8.CATHODE C 9.CATHODE B 10.DIGIT 1 COMMON ANODE 	<p>COMMON CATHODE PIN NO. FUNCTION</p> <ol style="list-style-type: none"> 1.ANODE G 2.ANODE DP 3.ANODE A 4.ANODE F 5.DIGIT 2 COMMON CATHODE 6.ANODE D 7.ANODE E 8.ANODE C 9.ANODE B 10.DIGIT 1 COMMON CATHODE
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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.