



**Features**

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

**Absolute Maximum Ratings at T<sub>A</sub>=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<sub>A</sub>=25°C**

PART NUMBER	LED CHIP	FACE COLOR	PEAK WAVELENGTH @20mA(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10mA(mcd)				
				SEG.	DP.	MIN.	TYP.			
								TYP.	MAX.	
DA10-230SR-PEW	DC10-230SR-PEW	GaP	RED	GREY	WHITE	700	8.4	4.2	1.1	2.1
DA10-230SG-PEW	DC10-230SG-PEW	GaP	GREEN	GREY	WHITE	567	8.4	4.2	4.1	6.8
DA10-230SY-PEW	DC10-230SY-PEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	8.4	4.2	3.3	5.5
DA10-230SO-PEW	DC10-230SO-PEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	8.4	4.2	4.7	7.8
DA10-230SH-PRR	DC10-230SH-PRR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	8.4	4.2	4.7	7.8

**Package Dimensions And Pin Function**

Technical drawing showing the package dimensions and pin functions for the 2.3" single digit display. The drawing includes a top view with dimensions (10°, 32.5, 10, 6, 57.0, 47.76, 5.5, 5.5 DIA., 3.5 MIN., 2.54x4=10.16) and a side view with dimensions (12.0, 0.5 DIA., 70.0, 60.0). The pin functions are listed below:

COMMON ANODE PIN NO. FUNCTION	COMMON CATHODE PIN NO. FUNCTION
1.COMMON ANODE	1.COMMON CATHODE
2.CATHODE E	2.ANODE E
3.CATHODE D	3.ANODE D
4.CATHODE C	4.ANODE C
5.COMMON ANODE	5.COMMON CATHODE
6.CATHODE B	6.ANODE B
7.CATHODE A	7.ANODE A
8.CATHODE DP	8.ANODE DP
9.CATHODE F	9.ANODE F
10.CATHODE G	10.ANODE G

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.