0.3" SINGLE DIGIT DISPLAY

FEMA P/N: DA(C)10-030SX-GXX

Features

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

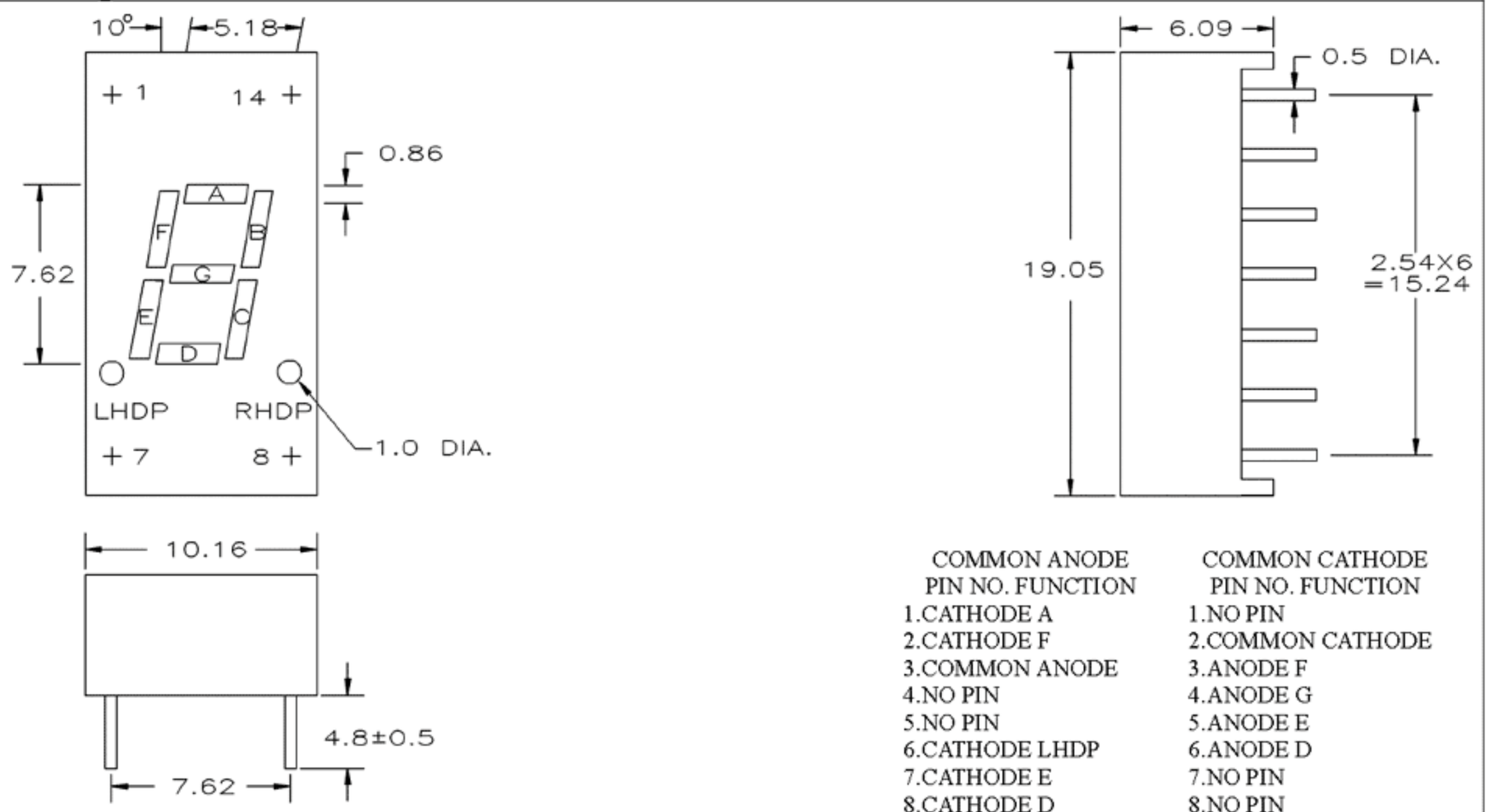
Absolute Maximum Ratings at T_A=25℃

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℃ TO +85℃
STORAGE TEMPERATURE RANGE	-25℃ TO +100℃
LEAD SOLDERING TEMP. (1.6mm FROM SEATING PLANE)	260℃ FOR 3 SEC.

Electrical/optical characteristics at T_A=25℃

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.	TYP.	MIN.	TYP.
DA10-030SR-GBW	DC10-030SR-GBW	GaP	RED	BLACK	WHITE	700	2.1	3.0	0.5	0.8
DA10-030SG-GBW	DC10-030SG-GBW	GaP	GREEN	BLACK	WHITE	567	2.1	3.0	1.7	2.9
DA10-030SY-GBW	DC10-030SY-GBW	GaAsP ON GaP	YELLOW	BLACK	WHITE	585	2.1	3.0	1.4	2.3
DA10-030SO-GBW	DC10-030SO-GBW	GaAsP ON GaP	ORANGE	BLACK	WHITE	635	2.1	3.0	2.0	3.3
DA10-030SH-GRR	DC10-030SH-GRR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	2.1	3.0	2.0	3.3

Package Dimensions And Pin Function



COMMON ANODE PIN NO. FUNCTION	COMMON CATHODE PIN NO. FUNCTION
1.CATHODE A	1.NO PIN
2.CATHODE F	2.COMMON CATHODE
3.COMMON ANODE	3.ANODE F
4.NO PIN	4.ANODE G
5.NO PIN	5.ANODE E
6.CATHODE LHDP	6.ANODE D
7.CATHODE E	7.NO PIN
8.CATHODE D	8.NO PIN
9.CATHODE RHDP	9.COMMON CATHODE
10.CATHODE C	10.ANODE RHDP
11.CATHODE G	11.ANODE C
12.NO PIN	12.ANODE B
13.CATHODE B	13.ANODE A
14.COMMON ANODE	14.NO PIN

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.