FEMA ELECTRONICS CORPORATION

1.0" SINGLE DIGIT DISPLAY

(STANDARD PIN FUNCTION)

FEMA P/N: DA(C)10-100SX-HXX

Features

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

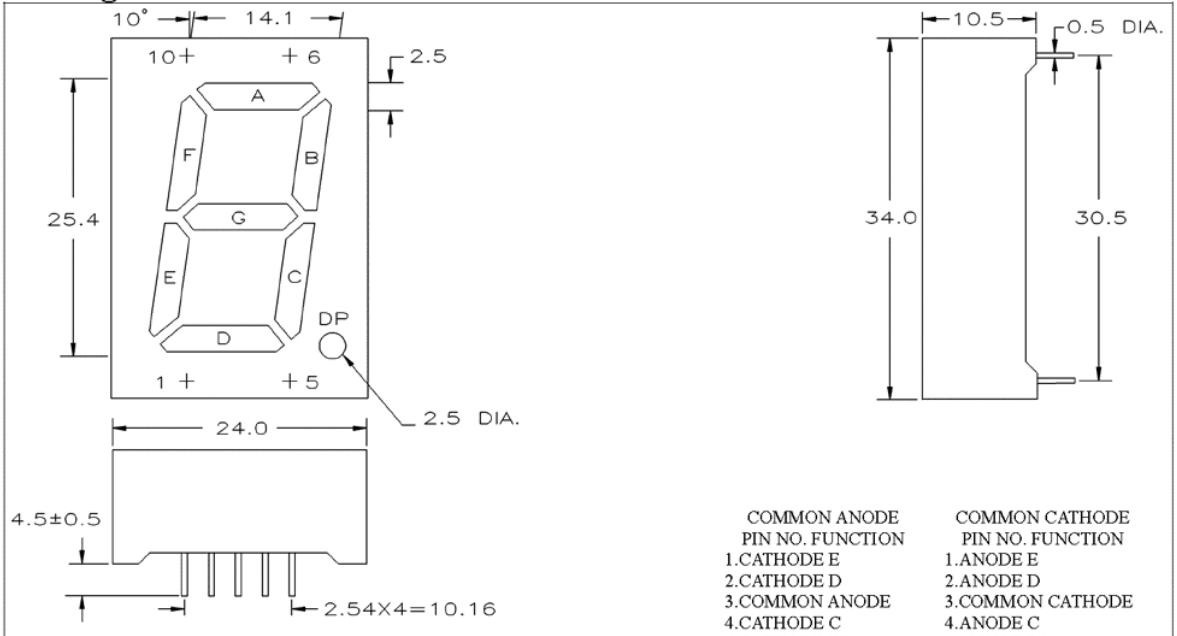
Absolute Maximum Ratings at T_A=25℃

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 @10(mcd)	
COMMON ANODE	COMMON CATHODE	MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		SEG.	DP.		
							TYP.	MAX.	MIN.	TYP.
DA10-100SR-HEW	DC10-100SR-HEW	GaP	RED	GREY	WHITE	700	4.2	2.1	0.7	1.2
DA10-100SG-HEW	DC10-100SG-HEW	GaP	GREEN	GREY	WHITE	567	4.2	2.1	2.8	4.6
DA10-100SY-HEW	DC10-100SY-HEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	4.2	2.1	2.2	3.7
DA10-100SO-HEW	DC10-100SO-HEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	4.2	2.1	3.1	5.2
DA10-100SH-HRR	DC10-100SH-HRR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	4.2	2.1	3.1	5.2

Package Dimensions And Pin Function



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