FEMA ELECTRONICS CORPORATION

0.52" SINGLE DIGIT DISPLAY

(STANDARD PIN FUNCTION)

FEMA P/N: DA(C)10-052SX-AXX

Features

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

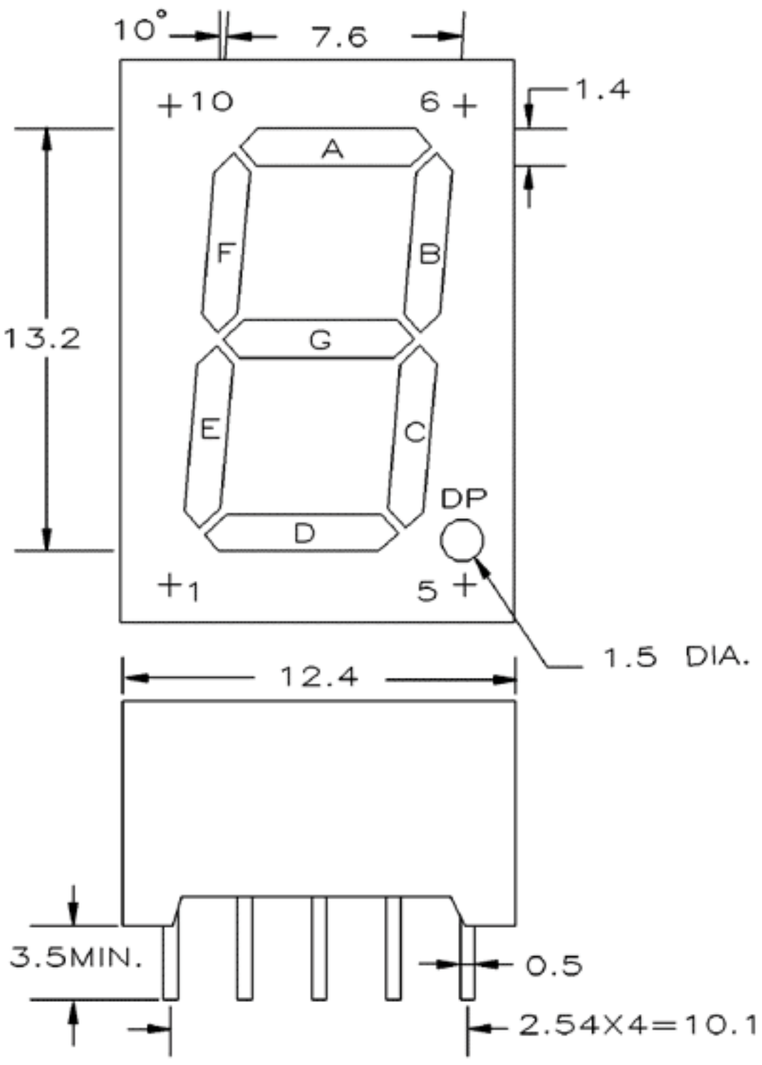
Absolute Maximum Ratings at T_A=25℃

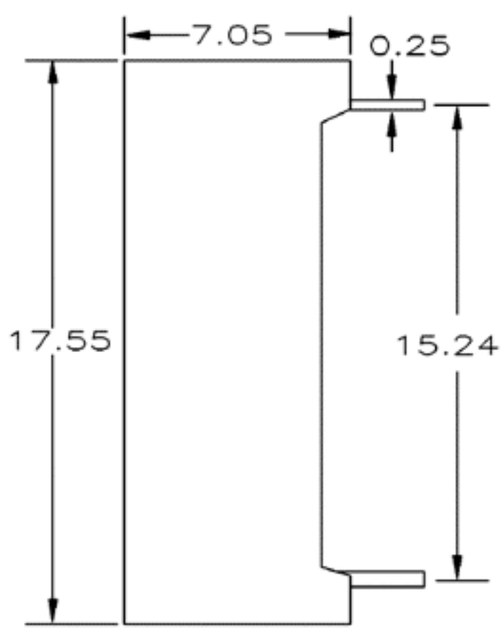
REVERSE VOLTAGE PER LED CHIP (<100μ A)	GaAsP RED 3.0V, OTHER 5.0V
D.C. FORWARD CURRENT PER LED CHIP	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH) PER LED CHIP	100 mA
OPERATING TEMPERATURE RANGE	-25℃ TO +85℃
STORAGE TEMPERATURE RANGE	-25℃ TO +100℃
LEAD SOLDERING TEMP. (1.6mm FROM BODY)	260℃ FOR 5 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		TYP.	MAX.	MIN.	TYP.
DA10-052SR-AEW	DC10-052SR-AEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
DA10-052SG-AEW	DC10-052SG-AEW	GaP	GREEN	GREY	WHITE	567	2.1	3.0	1.7	2.9
DA10-052SY-AEW	DC10-052SY-AEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.4	2.3
DA10-052SO-AEW	DC10-052SO-AEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.0	3.3
DA10-052SH-ARR	DC10-052SH-ARR	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 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.