FEMA ELECTRONICS CORPORATION

0.4" DUAL DIGIT DISPLAY
(DIRECT DRIVE)

FEMA P/N: DA(C)20-040SX-AXX

Features

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

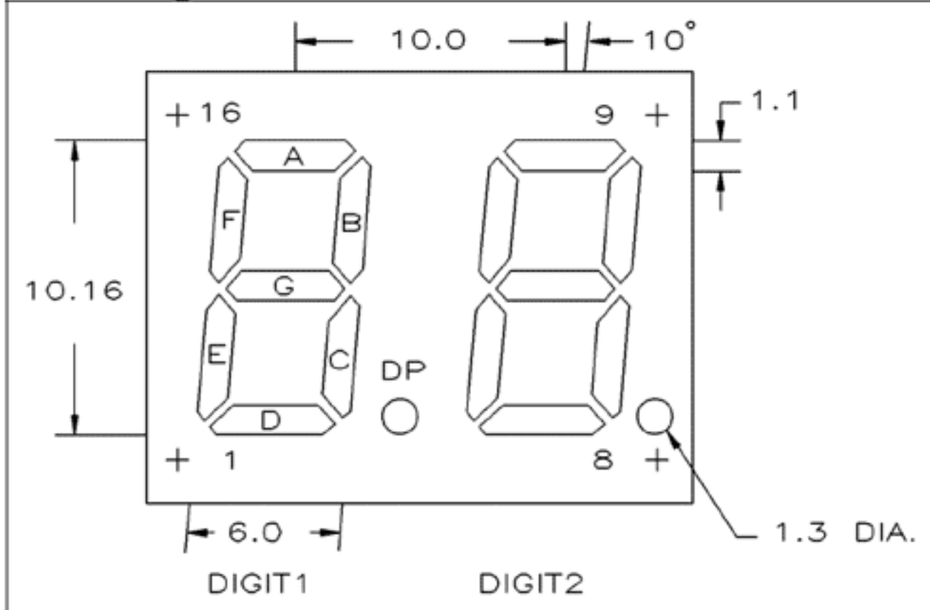
Absolute Maximum Ratings at T_A=25℃

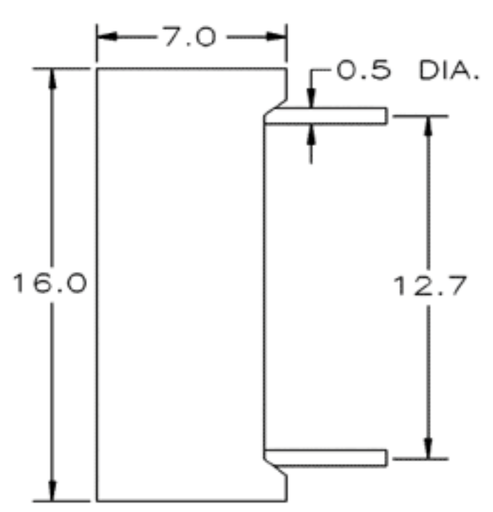
REVERSE VOLTAGE PER LED CHIP (≈100μ A)	GaAsP RED 3.0V, OTHER 5.0V
D.C. FORWARD CURRENT PER LED CHIP	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH) PER LED CHIP	100 mA
OPERATING TEMPERATURE RANGE	-25℃ TO +85℃
STORAGE TEMPERATURE RANGE	-25℃ TO +100℃
LEAD SOLDERING TEMP. (1.6mm FROM BODY)	260℃ FOR 5 SEC.

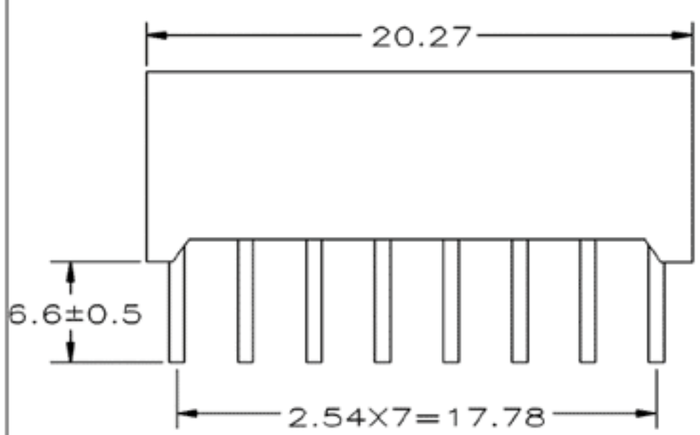
Electrical/optical characteristics at T_A=25℃

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.
DA20-040SR-AEW	DC20-040SR-AEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
DA20-040SG-AEW	DC20-040SG-AEW	GaP	GREEN	GREY	WHITE	567	2.1	3.0	1.7	2.9
DA20-040SY-AEW	DC20-040SY-AEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.4	2.3
DA20-040SO-AEW	DC20-040SO-AEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.0	3.3
DA20-040SH-ARR	DC20-040SH-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 C (DIGIT 1)	1.	ANODE C (DIGIT 1)
2.	CATHODE E (DIGIT 1)	2.	ANODE E (DIGIT 1)
3.	CATHODE D (DIGIT 1)	3.	ANODE D (DIGIT 1)
4.	DIGIT 1 COMMON ANODE	4.	DIGIT 1 COMMON CATHODE
5.	DIGIT 2 COMMON ANODE	5.	DIGIT 2 COMMON CATHODE
6.	CATHODE D (DIGIT 2)	6.	ANODE D (DIGIT 2)
7.	CATHODE E (DIGIT 2)	7.	ANODE E (DIGIT 2)
8.	CATHODE C (DIGIT 2)	8.	ANODE C (DIGIT 2)
9.	CATHODE G (DIGIT 2)	9.	ANODE G (DIGIT 2)
10.	CATHODE A (DIGIT 2)	10.	ANODE A (DIGIT 2)
11.	CATHODE F (DIGIT 2)	11.	ANODE F (DIGIT 2)
12.	CATHODE B (DIGIT 2)	12.	ANODE B (DIGIT 2)
13.	CATHODE B (DIGIT 1)	13.	ANODE B (DIGIT 1)
14.	CATHODE F (DIGIT 1)	14.	ANODE F (DIGIT 1)
15.	CATHODE A (DIGIT 1)	15.	ANODE A (DIGIT 1)
16.	CATHODE G (DIGIT 1)	16.	ANODE G (DIGIT 1)

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.