FEMA ELECTRONICS CORPORATION

0.28" DUAL DIGIT DISPLAY

FEMA P/N: DA(C)20-028SX-AXX

Features

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

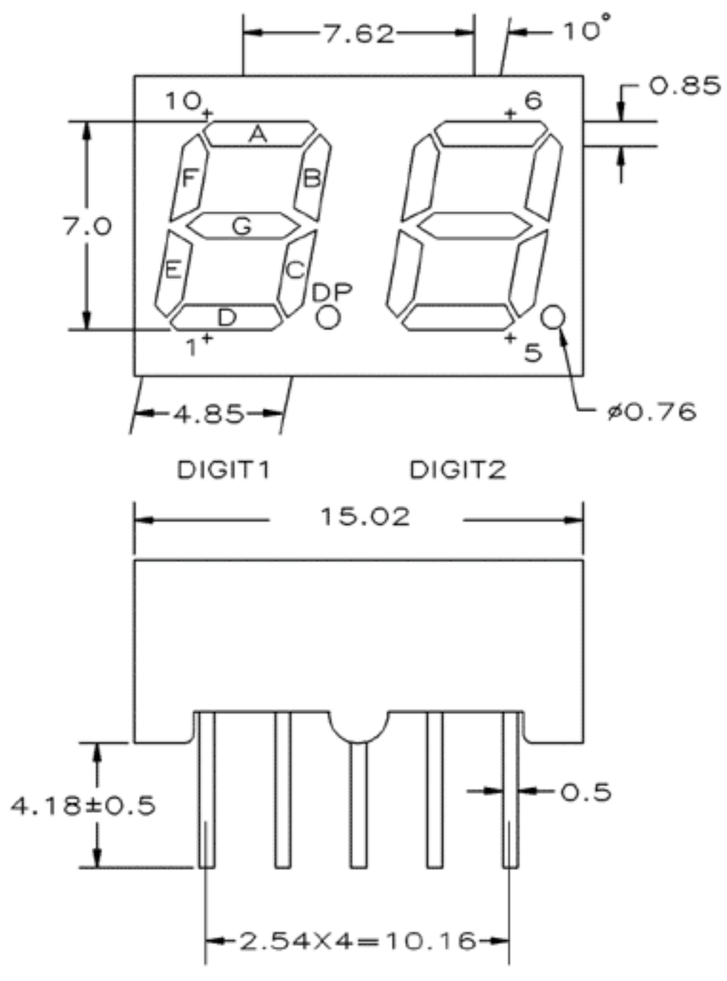
Absolute Maximum Ratings at T_A=25℃

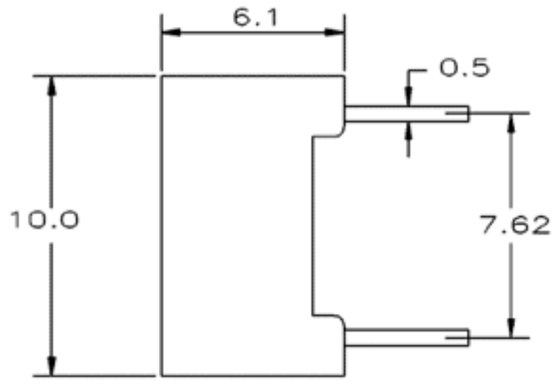
REVERSE VOLTAGE PER LED CHIP (<100μ A)	GaAsP RED 3.0V, OTHER 5.0V
D.C. FORWARD CURRENT PER LED CHIP	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH) PER LED CHIP	100 mA
OPERATING TEMPERATURE RANGE	-25℃ TO +85℃
STORAGE TEMPERATURE RANGE	-25℃ TO +100℃
LEAD SOLDERING TEMP. (1.6mm FROM SEATING PLANE)	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 @10mA(mcd)	
COMMON ANODE	COMMON CATHODE	MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		TYP.	MAX.	MIN.	TYP.
DA20-028SR-ABW	DC20-028SR-ABW	GaP	RED	BLACK	WHITE	700	2.1	3.0	0.5	0.8
DA20-028SG-ABW	DC20-028SG-ABW	GaP	GREEN	BLACK	WHITE	567	2.1	3.0	1.5	2.5
DA20-028SY-ABW	DC20-028SY-ABW	GaAsP ON GaP	YELLOW	BLACK	WHITE	585	2.1	3.0	1.2	2.1
DA20-028SO-ABW	DC20-028SO-ABW	GaAsP ON GaP	ORANGE	BLACK	WHITE	635	2.1	3.0	1.7	2.9
DA20-028SH-ARR	DC20-028SH-ARR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	2.1	3.0	1.7	2.9

Package Dimensions And Pin Function





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

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

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.