FEMA ELECTRONICS CORPORATION

0.4" THREE DIGIT DISPLAY
(MULTIPLEX DRIVE)

FEMA P/N: DA(C)30-040SX-AXX

Features

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

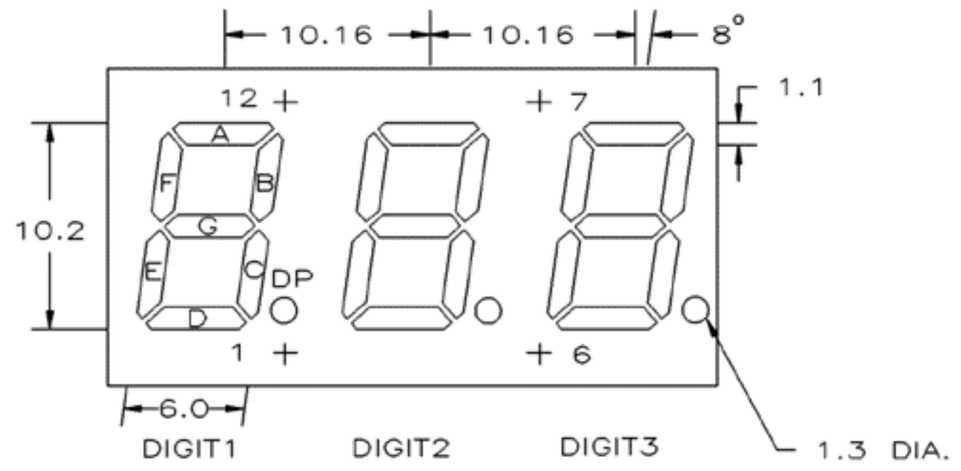
Absolute Maximum Ratings at T_A=25℃

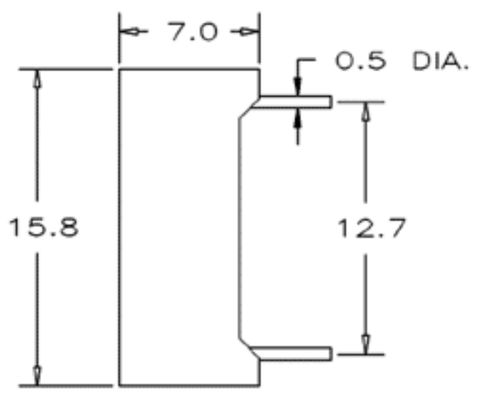
REVERSE VOLTAGE PER LED CHIP (≈100μ A)	GaAsP RED 3.0V, OTHER 5.0V
D.C. FORWARD CURRENT PER LED CHIP	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH) PER LED CHIP	100 mA
OPERATING TEMPERATURE RANGE	-25℃ TO +85℃
STORAGE TEMPERATURE RANGE	-25℃ TO +100℃
LEAD SOLDERING TEMP. (1.6mm FROM SEATING PLANE)	260℃ FOR 3 SEC.

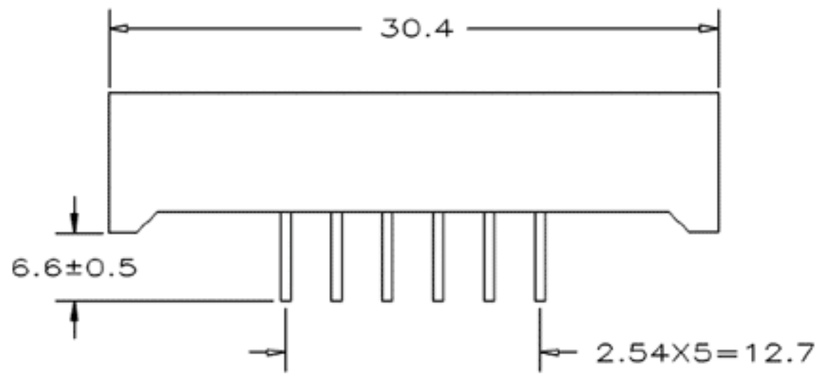
Electrical/optical characteristics at T_A=25℃

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.	MAX.	MIN.	TYP.
DA30-040SR-AEW	DC30-040SR-AEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
DA30-040SG-AEW	DC30-040SG-AEW	GaP	GREEN	GREY	WHITE	567	2.1	3.0	1.7	2.9
DA30-040SY-AEW	DC30-040SY-AEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.4	2.3
DA30-040SO-AEW	DC30-040SO-AEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.0	3.3
DA30-040SH-ARR	DC30-040SH-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
1.	CATHODE E
2.	CATHODE D
3.	CATHODE DP
4.	CATHODE C
5.	CATHODE G
6.	NO CONNECTION
7.	CATHODE B
8.	DIGIT 3 COMMON ANODE
9.	DIGIT 2 COMMON ANODE
10.	CATHODE F
11.	CATHODE A
12.	DIGIT 1 COMMON ANODE

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

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.