FEMA ELECTRONICS CORPORATION

0.36" FOUR DIGIT LED DISPLAY

FEMA P/N: DA(C)40-036SX-AXX

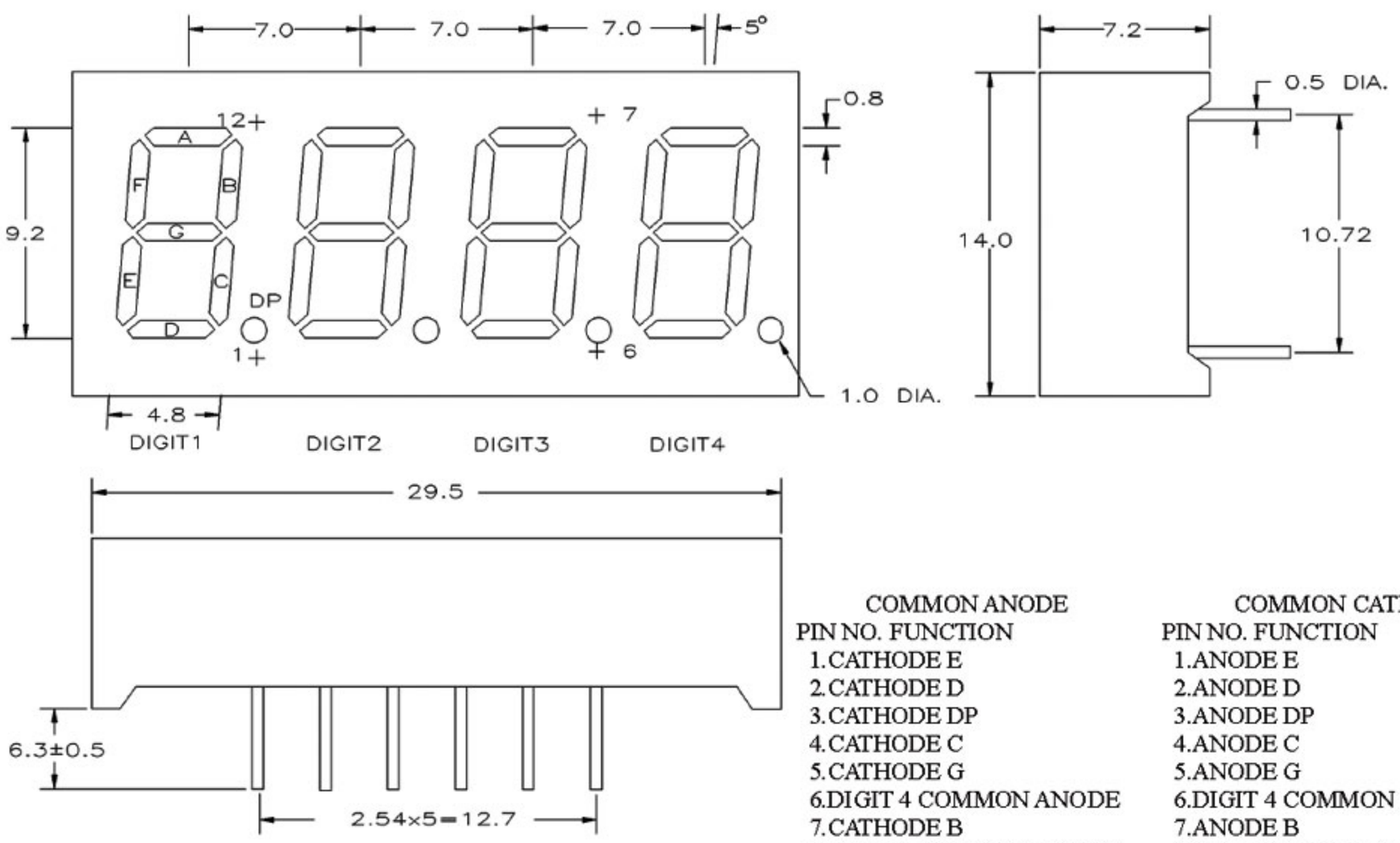
Absolute Maximum Ratings at T_A=25℃

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.
DA40-036SR-AEW	DC40-036SR-AEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
DA40-036SG-AEW	DC40-036SG-AEW	GaP	GREEN	GREY	WHITE	567	2.1	2.6	1.5	2.5
DA40-036SY-AEW	DC40-036SY-AEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.2	2.1
DA40-036SO-AEW	DC40-036SO-AEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	1.7	2.9
DA40-036SH-ARR	DC40-036SH-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		COMMON CATHODE	
PIN NO.	FUNCTION	PIN NO.	FUNCTION
1.	CATHODE E	1.	ANODE E
2.	CATHODE D	2.	ANODE D
3.	CATHODE DP	3.	ANODE DP
4.	CATHODE C	4.	ANODE C
5.	CATHODE G	5.	ANODE G
6.	DIGIT 4 COMMON ANODE	6.	DIGIT 4 COMMON CATHODE
7.	CATHODE B	7.	ANODE B
8.	DIGIT 3 COMMON ANODE	8.	DIGIT 3 COMMON CATHODE
9.	DIGIT 2 COMMON ANODE	9.	DIGIT 2 COMMON CATHODE
10.	CATHODE F	10.	ANODE F
11.	CATHODE A	11.	ANODE A
12.	DIGIT 1 COMMON ANODE	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.