0.52" THREE DIGIT DISPLAY
FEMA P/N: DA(C)30-052SX-AXX

Features

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

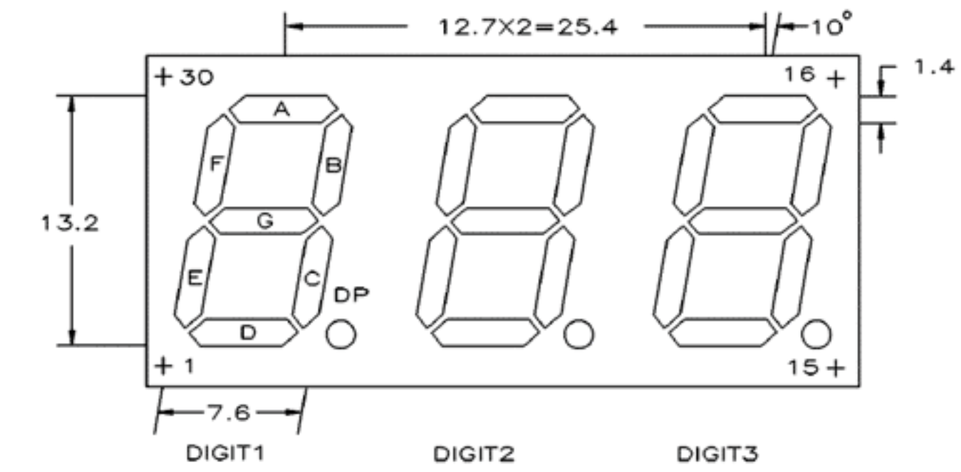
Absolute Maximum Ratings at T_A=25℃

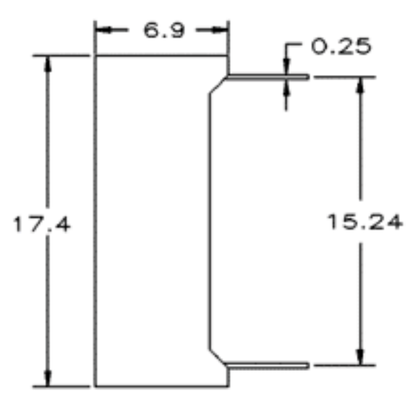
REVERSE VOLTAGE PER LED CHIP (<100μ A)	GaAsP RED 3.0V, OTHER 5.0V
D.C. FORWARD CURRENT PER LED CHIP.....	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH) PER LED CHIP.....	100 mA
OPERATING TEMPERATURE RANGE.....	-25℃ TO +85℃
STORAGE TEMPERATURE RANGE.....	-25℃ TO +100℃
LEAD SOLDERING TEMP. (1.6mm FROM 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.
DA30-052SR-AEW	DC30-052SR-AEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
DA30-052SG-AEW	DC30-052SG-AEW	GaP	GREEN	GREY	WHITE	567	2.1	2.6	1.7	2.9
DA30-052SY-AEW	DC30-052SY-AEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.4	2.3
DA30-052SO-AEW	DC30-052SO-AEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.0	3.3
DA30-052SH-ARR	DC30-052SH-ARR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	2.1	3.0	2.0	3.3

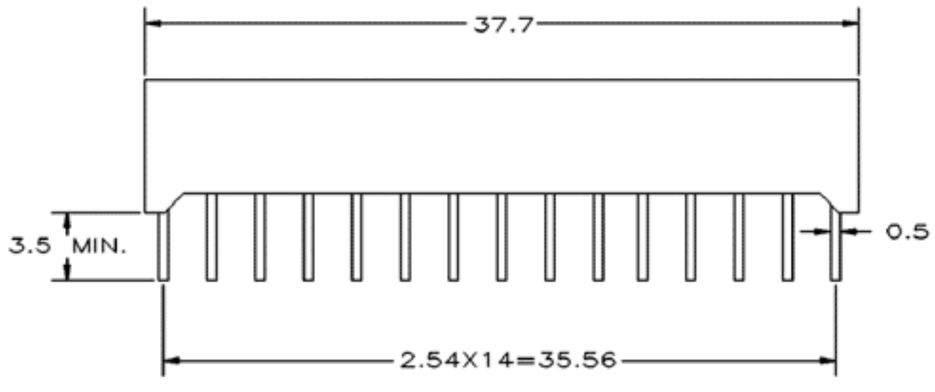
Package Dimensions And Pin Function





COMMON ANODE PIN NO.	FUNCTION
1	CATHODE E (DIGIT 1)
2	CATHODE D (DIGIT 1)
3	DIGIT 1 COMMON ANODE
4	CATHODE C (DIGIT 1)
5	CATHODE DP (DIGIT 1)
6	CATHODE E (DIGIT 2)
7	CATHODE D (DIGIT 2)
8	DIGIT 2 COMMON ANODE
9	CATHODE C (DIGIT 2)
10	CATHODE DP (DIGIT 2)
11	CATHODE E (DIGIT 3)
12	CATHODE D (DIGIT 3)
13	DIGIT 3 COMMON ANODE
14	CATHODE C (DIGIT 3)
15	CATHODE DP (DIGIT 3)
16	CATHODE B (DIGIT 3)
17	CATHODE A (DIGIT 3)
18	DIGIT 3 COMMON ANODE
19	CATHODE F (DIGIT 3)
20	CATHODE G (DIGIT 3)
21	CATHODE B (DIGIT 2)
22	CATHODE A (DIGIT 2)
23	DIGIT 2 COMMON ANODE
24	CATHODE F (DIGIT 2)
25	CATHODE G (DIGIT 2)
26	CATHODE B (DIGIT 1)
27	CATHODE A (DIGIT 1)
28	DIGIT 1 COMMON ANODE
29	CATHODE F (DIGIT 1)
30	CATHODE G (DIGIT 1)

COMMON CATHODE PIN NO.	FUNCTION
1	ANODE E (DIGIT 1)
2	ANODE D (DIGIT 1)
3	DIGIT 1 COMMON CATHODE
4	ANODE C (DIGIT 1)
5	ANODE DP (DIGIT 1)
6	ANODE E (DIGIT 2)
7	ANODE D (DIGIT 2)
8	DIGIT 2 COMMON CATHODE
9	ANODE C (DIGIT 2)
10	ANODE DP (DIGIT 2)
11	ANODE E (DIGIT 3)
12	ANODE D (DIGIT 3)
13	DIGIT 3 COMMON CATHODE
14	ANODE C (DIGIT 3)
15	ANODE DP (DIGIT 3)
16	ANODE B (DIGIT 3)
17	ANODE A (DIGIT 3)
18	DIGIT 3 COMMON CATHODE
19	ANODE F (DIGIT 3)
20	ANODE G (DIGIT 3)
21	ANODE B (DIGIT 2)
22	ANODE A (DIGIT 2)
23	DIGIT 2 COMMON CATHODE
24	ANODE F (DIGIT 2)
25	ANODE G (DIGIT 2)
26	ANODE B (DIGIT 1)
27	ANODE A (DIGIT 1)
28	DIGIT 1 COMMON CATHODE
29	ANODE F (DIGIT 1)
30	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.