FEMA ELECTRONICS CORPORATION

0.24" FOUR DIGIT LED DISPLAY
FEMA P/N: DA(C)40-024SX-VXX

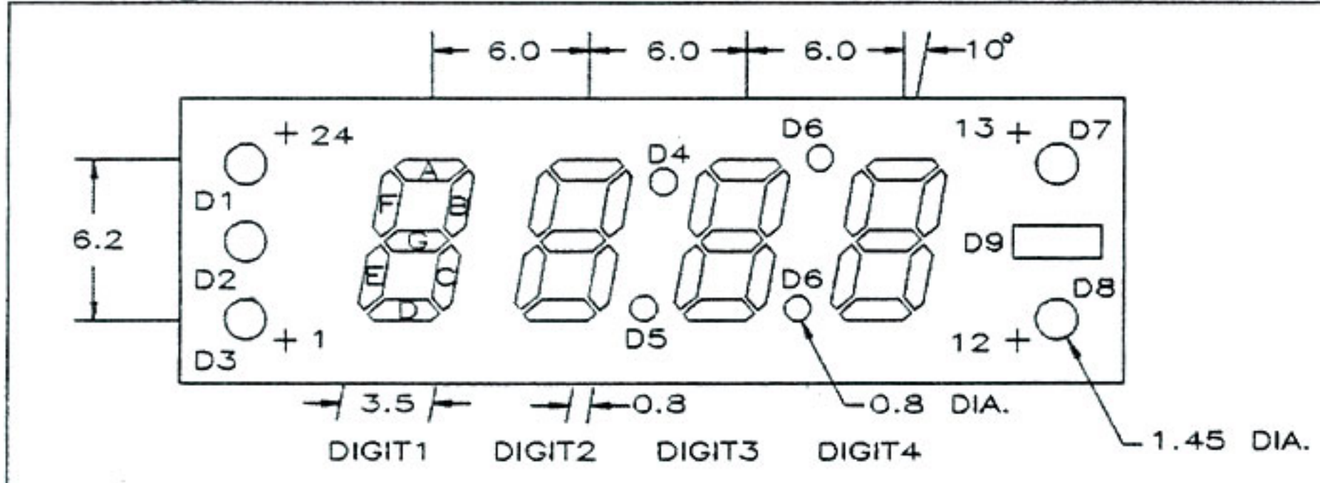
Absolute Maximum Ratings at T_A=25

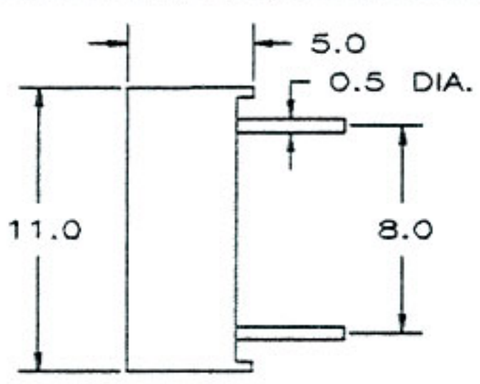
REVERSE VOLTAGE PER LED CHIP (<100□A)	GaAsP RED 3.0V, OTHER 5.0V
D.C. FORWARD CURRENT PER LED CHIP.....	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH) PER LED CHIP.....	100 mA
OPERATING TEMPERATURE RANGE.....	-25 TO + 85
STORAGE TEMPERATURE RANGE.....	-25 TO +100
LEAD SOLDERING TEMP. (1.6mm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

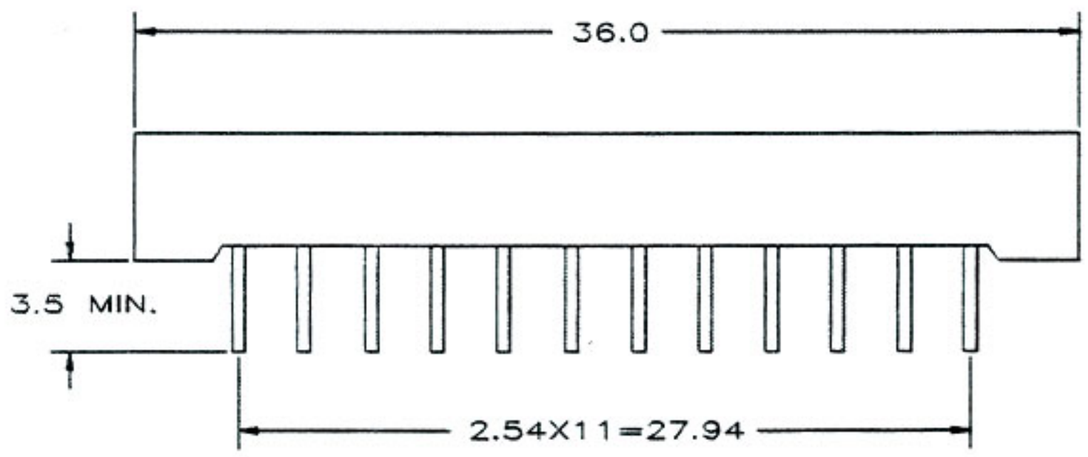
Electrical/optical characteristics at T_A=25

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.
DA40-024SH-VBR	DC40-024SH-VBR	GaAsP ON GaP	HIGH-EFF RED	BLACK	RED	635	2.1	3.0	1.7	2.9
DA40-024SR-VEW	DC40-024SR-VEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
DA40-024SG-VEW	DC40-024SG-VEW	GaP	GREEN	GREY	WHITE	567	2.1	3.0	1.5	2.5
DA40-024SY-VEW	DC40-024SY-VEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.2	2.1
DA40-024SO-VEW	DC40-024SO-VEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	1.7	2.9
DA40-024SH-VRR	DC40-024SH-VRR	GaAsP ON GaP	HIGH-EFF RED	RED	RED	635	2.1	3.0	1.7	2.9

Package Dimensions And Pin Function







DA40-024SX-VXX
COMMON ANODE

PIN NO.	FUNCTION
1	CATHODE D3
2	CATHODE D2
3	DIGIT 1 COMMON ANODE
4	CATHODE D
5	DIGIT 2 COMMON ANODE
6	CATHODE D5
7	CATHODE D4
8	DIGIT 3 COMMON ANODE
9	CATHODE D6
10	DIGIT 4 COMMON ANODE
11	CATHODE C
12	CATHODE D8
13	ANODE D7,D8,D9
14	CATHODE D7,D9
15	CATHODE A
16	ANODE D6
17	ANODE D4
18	ANODE D5
19	CATHODE B
20	CATHODE F
21	CATHODE E
22	CATHODE G
23	CATHODE D1
24	ANODE D1,D2,D3

DC40-024SX-VXX
COMMON CATHODE

PIN NO.	FUNCTION
1	ANODE D3
2	ANODE D2
3	DIGIT 1 COMMON CATHODE
4	ANODE D
5	DIGIT 2 COMMON CATHODE
6	ANODE D5
7	ANODE D4
8	DIGIT 3 COMMON CATHODE
9	ANODE D6
10	DIGIT 4 COMMON CATHODE
11	ANODE C
12	ANODE D8
13	CATHODE D7,D8,D9
14	ANODE D7,D9
15	ANODE A
16	CATHODE D6
17	CATHODE D4
18	CATHODE D5
19	ANODE B
20	ANODE F
21	ANODE E
22	ANODE G
23	ANODE D1
24	CATHODE D1,D2,D3

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.