



FEMA P/N: DA(C)20-056SX-AXX

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°C TO +85°C
STORAGE TEMPERATURE RANGE.....	-25°C TO +100°C
LEAD SOLDERING TEMP. (1.6 mm FROM SEATING PLANE).....	260°C FOR 5 SEC.

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.
							DA20-056 SR-AEW	DC20-056 SR-AEW	GaP	RED
DA20-056 SG-AEW	DC20-056 SG-AEW	GaP	GREEN	GREY	WHITE	567	2.1	3.0	1.7	2.9
DA20-056 SY-AEW	DC20-056 SY-AEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.4	2.3
DA20-056 SO-AEW	DC20-056 SO-AEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.0	3.3
DA20-056 SH-ARR	DC20-056 SH-ARR	GaAsP ON GaP	ORANGE	RED	RED	635	2.1	3.0	2.0	3.3

1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS ± 0.25 mm UNLESS OTHERWISE NOTED.

2. THE SLOPE ANGLE OF ANY PIN MAY BE $\pm 5.0^\circ$ MAX.

COMMON ANODE		COMMON CATHODE	
PIN NO.	FUNCTION	PIN NO.	FUNCTION
1.	CATHODE E (DIGIT 1)	1.	ANODE E (DIGIT 1)
2.	CATHODE D (DIGIT 1)	2.	ANODE D (DIGIT 1)
3.	CATHODE C (DIGIT 1)	3.	ANODE C (DIGIT 1)
4.	CATHODE DP (DIGIT 1)	4.	ANODE DP (DIGIT 1)
5.	CATHODE E (DIGIT 2)	5.	ANODE E (DIGIT 2)
6.	CATHODE D (DIGIT 2)	6.	ANODE D (DIGIT 2)
7.	CATHODE G (DIGIT 2)	7.	ANODE G (DIGIT 2)
8.	CATHODE C (DIGIT 2)	8.	ANODE C (DIGIT 2)
9.	CATHODE DP (DIGIT 2)	9.	ANODE DP (DIGIT 2)
10.	CATHODE B (DIGIT 2)	10.	ANODE B (DIGIT 2)
11.	CATHODE A (DIGIT 2)	11.	ANODE A (DIGIT 2)
12.	CATHODE F (DIGIT 2)	12.	ANODE F (DIGIT 2)
13.	DIGIT 2 COMMON ANODE	13.	DIGIT 2 COMMON CATHODE
14.	DIGIT 1 COMMON ANODE	14.	DIGIT 1 COMMON CATHODE
15.	CATHODE B (DIGIT 1)	15.	ANODE B (DIGIT 1)
16.	CATHODE A (DIGIT 1)	16.	ANODE A (DIGIT 1)
17.	CATHODE G (DIGIT 1)	17.	ANODE G (DIGIT 1)
18.	CATHODE F (DIGIT 1)	18.	ANODE F (DIGIT 1)