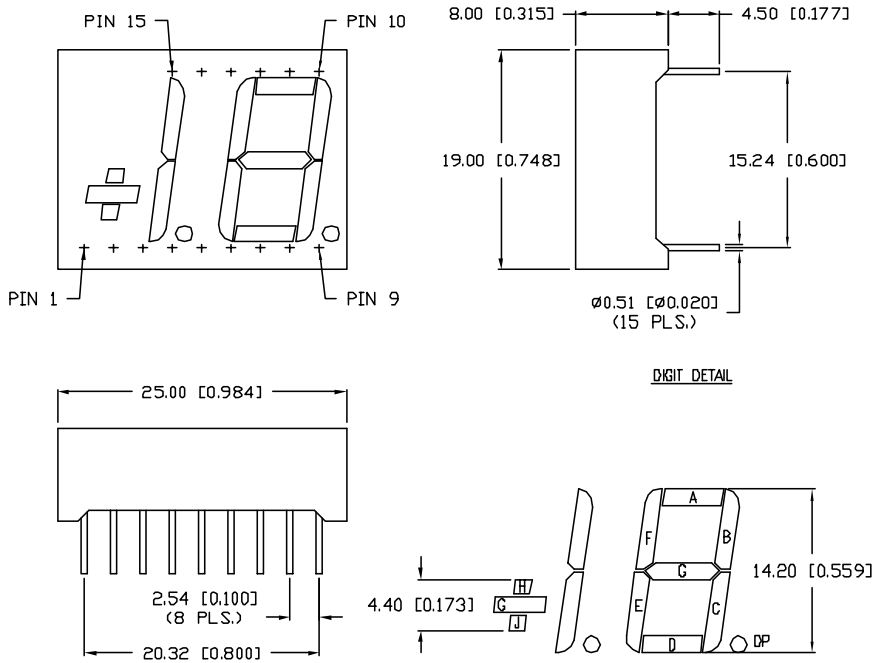


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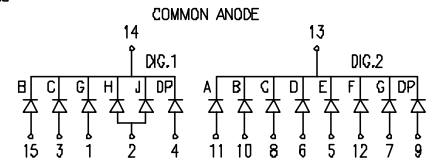
PART NUMBER		REV.
LDG-C5616RI		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	03.20.07



ELECTRO-OPTICAL CHARACTERISTICS T <sub>A</sub> =25°C I <sub>f</sub> =10mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.8	2.3	V <sub>f</sub>	
REVERSE VOLTAGE	4.0			V <sub>r</sub>	I <sub>f</sub> =100μA
AXIAL INTENSITY		12000		μcd	I <sub>f</sub> =10mA
EMITTED COLOR:	SUPER RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

\* t<10μs



16, 17 & 18 NO PIN.



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\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+DECIMAL PRECISION -0.00, MAX.=+0.00 -DECIMAL PRECISION

REV.	PART NUMBER
A	LDG-C5616RI
0.56" OVERFLOW DISPLAY, COMMON CATHODE, 660nm SUPER RED CHIPS, GRAY FACE WITH WHITE SEGMENTS.	

**CONFIDENTIAL INFORMATION**  
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**RELIABILITY NOTE**  
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

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JC			4.20.00
			PAGE: 1 OF 1
			SCALE: N/A