

SDRC FILE NAME: B17148		REV ECR NO DESCRIPTION DATE	
GMDASG7D1Z		A	20319 NEW RELEASE
GMDAS7D1Z		B	20628 REMOVED VENDOR No 'S. 6/25/01
GMDAS7D1Z		REV ECR NO DESCRIPTION DATE	

SPECIFICATIONS (To=25°C)		UNITS	
OUTPUT COLOR			
D	D	D	
C	C	C	
20	20	20	mA
2.1	2.2	2.1	V
2.8	2.8	2.3	V
100	100	100	µA
4	4	4	V
3.8	2.2	7.0	mc d
6.4	3.7	11.7	mc d
560	580	660	nm
			nm
70	70	57.5	mW
25	25	25	mA
60	60	60	mA
30	30	30	nm
150	150	150	DEG
			°C
			°C
			°C
3.8	2.2	7.0	mc d
5.4	3.1	9.9	mc d
4.5	2.6	8.3	mc d
6.4	3.7	11.7	mc d
5.4	3.1	9.9	mc d
7.6	4.4	14.0	mc d
6.4	3.7	11.7	mc d
9.0	5.2	16.5	mc d
7.6	4.4	14.0	mc d
10.7	6.2	19.8	mc d
9.0	5.2	16.5	mc d
-	-	-	mc d

NOTES:

- ALL DIMENSIONS ARE IN MM
- PULSE WIDTH $\leq 1\text{msec}$, DUTY $\leq 1/20$
DERATE LINEARLY FROM 25°C
0.36mA/°C(DC) 0.86mA/°C(PULSE)
- QUANTITY ON TAPE-4000 PCS/REEL
- COVER TAPE ADHESIVE STRENGTH SHALL BE 30-60g (ANGLE BETWEEN CARRIER TAPE AND COVER TAPE SHALL BE 10°)
- THE TAPE SHALL BE SO SEALED THAT THE CONTAINED DEVICES WILL NOT COME OUT FROM THE TAPE WHEN IT IS BENT AT A RADIUS OF 15mm
NAME OF CHICAGO MINIATURE LAMP INC. PART NUMBERS AND QUANTITY SHALL BE STATED ON THE BOX OR BAG. THERE SHALL BE NO REVERSED-ORIENTATION, NO UPSIDE DOWN PLACING, AND NO SIDE PLACING

SHIPPING INFORMATION

- LED'S SHALL BE SORTED INTO SIX RANKS OF LUMINOUS INTENSITY
- RANK MARKING SHALL BE INDICATED IN THE SPACE OF LOT NO. ON THE PRODUCT LABEL
- EACH SHIPPING LOT SHALL CONSIST OF MIXED RANKS AND THE QUANTITY OF EACH CAN NOT BE SPECIFIED

FOR INSPECTION USE ONLY

Ⓞ SPC DOCUMENTATION REQ. (X R CHARTS)

DATE	4/17/01
PART NO.	
MODEL NO.	
MOLD NO.	
DATE	
DATE	
DATE	

UNLESS OTHERWISE SPECIFIED TOLERANCES ON:
 .XX ±0.25
 .XX ±0.25
 ANGLE ±1°

DIM ARE IN MILLIMETERS

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CHICAGO MINIATURE LAMP, INC.
 147 CENTRAL AVE. HACKENSACK, NJ 07601

TITLE: SURFACE MOUNT LED-RIGHT ANGLE

DIST. v/s DWG NO B17148

SCALE: NTS SHEET 2 OF 2

CML LED COLOR CODE	
A-AMBER	
O-ORANGE	
C-CLEAR	
R-RED	
Y-YELLOW	
G-GREEN	
GY-GREEN/YELLOW	
D-DIFFUSED	
N-NON-DIFFUSED	