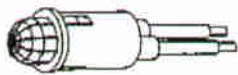
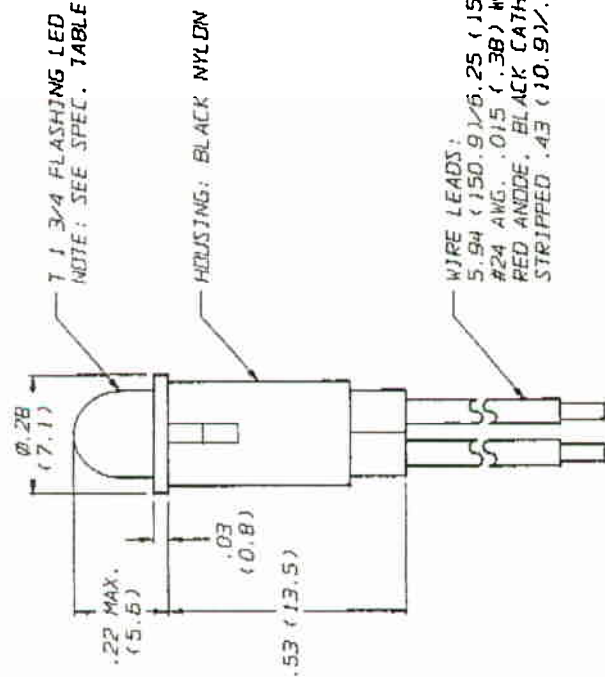


REV	ECR NO.	DATE
A	B744 NEW RELEASE	07/08/93



ISOMETRIC VIEW FOR REF. ONLY

MODEL No.	COLOR	LED No.
5100H1FL	RED	43B0H1
5100H5FL	GREEN	43B0H5
5100H7FL	YELLOW	43B0H7

JUN 01 1993

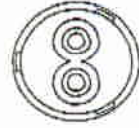
REV. C

DIMENSIONS ARE IN INCHES (mm).

PART NO.		TITLE	
AS NOTED		5100H FL SERIES (FLASHING LED)	
MATERIAL		INDUSTRIAL DEVICES, INC. HARRISBURG, PENNSYLVANIA	
FINISH		DRAWN M. MARQUEL	
TOLERANCE UNLESS OTHERWISE SPECIFIED:		SCALE 4 : 1	
FRONT VIEW	±.004	DATE	7/8/93
RIGHT SIDE VIEW	±.004	REV	B11557
LEFT SIDE VIEW	±.004	REV	A
TOP VIEW	±.004	REV	A
BOTTOM VIEW	±.004	REV	A

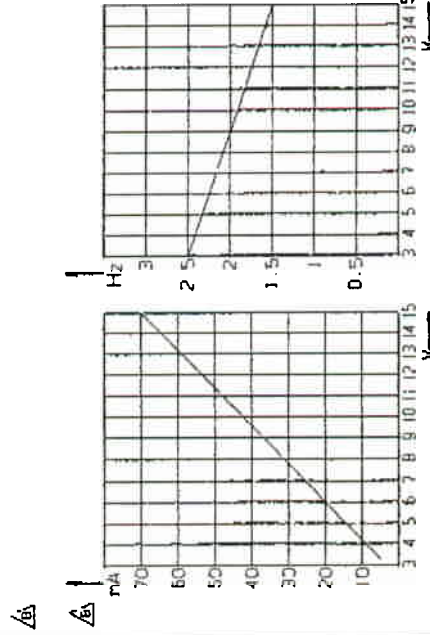
NOTE: MOUNTING HOLE .249 (6.33) / .254 (6.45) DIA. IN PANELS .031 (.79) / .062 (1.58) THICK.

DO NOT SCALE



IN WT

REV	E.C.R. NO	DATE
A	8183	3/6/03
B	15582	4/8/11/03

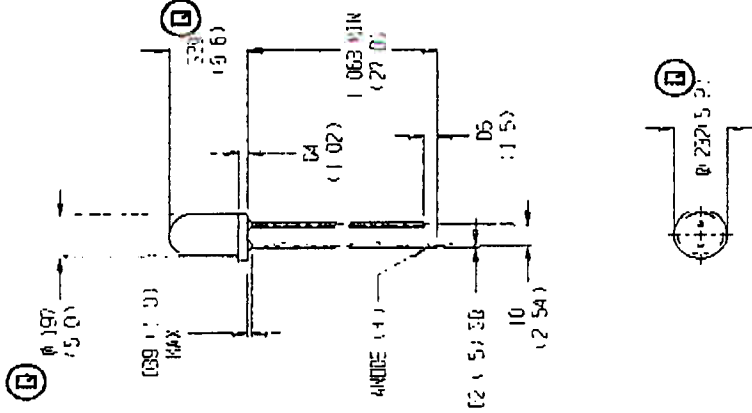


MAY 31 2004

TOLERANCE: ± 0.2 (± 0.1)

VENDOR SPEC FOR 4380H SERIES	
CHICAGO MINIATURE LAMP INC. 147 CENTRAL AVE. HAWTHORNE, NJ 07060	
DATE	REV
4/30/04, H5, H7	4:1
DESCRIPTION	QUANTITY
MINIATURE LAMP SPECIFIED	1000
FRONT VIEW	1000
REAR VIEW	1000
TOP VIEW	1000
RIGHT SIDE VIEW	1000
LEFT SIDE VIEW	1000
ISOMETRIC	1000
SECTION	1000
DETAIL	1000
SCALE	AS SHOWN
DRAWN	DATE
BY	DATE
CHKD	DATE
APP'D	DATE
BY	DATE
CHKD	DATE
APP'D	DATE

SPECIFICATIONS	4380H	4380HS	4380HE
OUTPUT COLOR	RED	GREEN/YELLOW	GREEN/YELLOW
DIFFUSED/NOV DIFFUSED	DIFFUSED	DIFFUSED	DIFFUSED
PACKAGE COLOR	RED	GREEN/YELLOW	GREEN/YELLOW
VIEWING ANGLE (DEG)	50	50	50
MIN. LUM. INTENSITY AT 9V (mcd)	20.0	5.0	5.0
TYP. LUM. INTENSITY AT 9V (mcd)	80.0	32.0	32.0
RATED CURRENT (mA)	20	20	20
FORWARD VOLTAGE (min) (I _F = 5 mA)	3.5	3.5	3.5
FORWARD VOLTAGE (typ.) (I _F = 38-56 mA)	9-12	9-12	9-12
FORWARD VOLTAGE (max.) (I _F = 70 mA)	13.0	13.0	13.0
FORWARD CURRENT (mA)	38-56	38-56	38-56
REVERSE VOLTAGE (V _{RR}) MAX	0.5	0.5	0.5
TOTAL POWER DISSIPATION	200	200	200
OPERATING TEMPERATURE (°C)	-40/70	-40/70	-40/70
STORAGE TEMPERATURE (°C)	-50/100	-50/100	-50/100
SUPPLY CURRENT (mA)	6-70	6-70	6-70
BLINK FREQUENCY (Hz)	2.5-150	5-150	5-150
WAVE LENGTH AT PEAK EMISSION (I _F = 20 mA)	625	565	590
SPECTRAL LINE HALF-WIDTH (I _F = 20 mA)	45	30	35



ORIGINAL

DO NOT SCALE