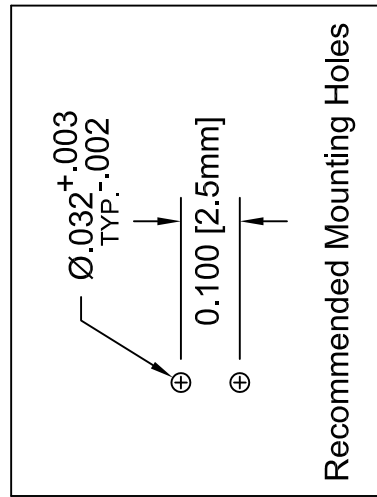
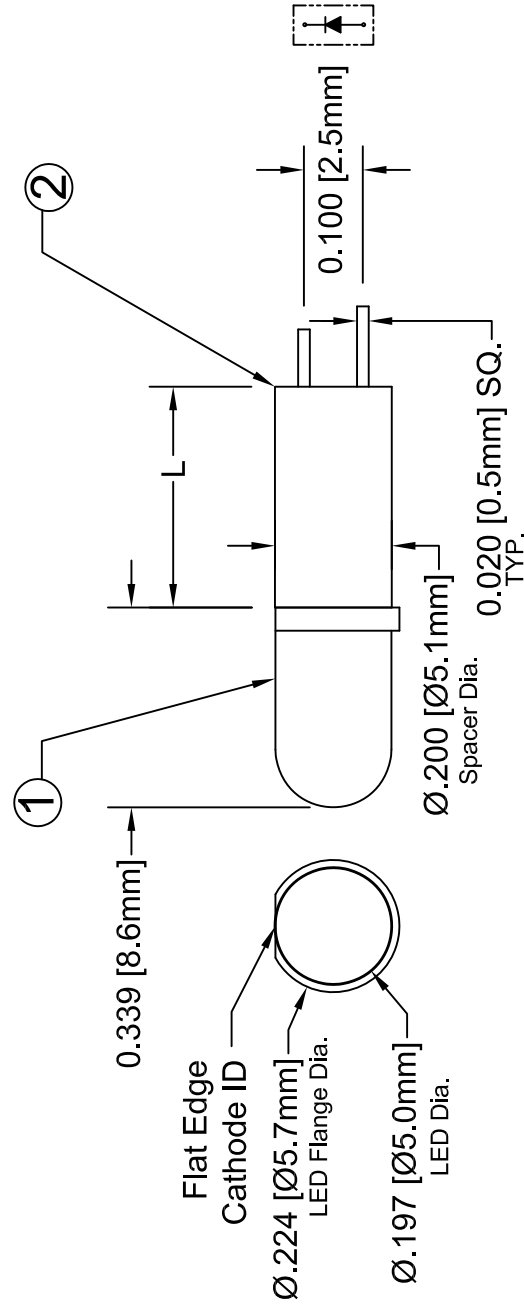


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION	REV.	DESCRIPTION	DATE	APPROVED
1	1	5UXX-F	T-1 1/4 (5mm) Flanged LED, See Page 2	A	Engineering Release.	09/21/06	M. C.
2	1	ELM1XXX	Extruded, Self-Retaining LED Spacer	B	Removed Tolerance Note.	09/03/08	M. C.
				C	Added Tape & Reel Options.	06/06/11	T. Y.
				D	Tape & Reel Design Update.	11/21/11	T. Y.



### ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

REVERSE VOLTAGE	5V
REVERSE CURRENT	100µA
OPERATING TEMPERATURE RANGE	-25° C – 85° C
STORAGE TEMPERATURE	-30° C – 100° C
LEAD SOLDERING TEMPERATURE(1/16" FROM BODY)	260° C FOR 5 SECONDS

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)	ANGULAR X° ± 1°
DECIMALS	.X ± .1
	.XX ± .02
	.XXX ± .010
DESIGNED BY	Dan Beckman
CHECKED BY	T. Yin
DATE:	09/21/06

**BIVAR®**  
 4 THOMAS, IRVINE, CA. 92618  
 TEL: (949) 951-8808 FAX: (949) 951-3974

**TITLE:** EXTRUDED VERTICAL T-1 1/4  
 (5mm) LED NARROW PROFILE ASSY

**PART NO:** ELM1XXX5UXX **D**

**CAGE CODE :** 32559 **SHEET #** 1 **OF** 3  
 CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.

REV.	DESCRIPTION	DATE	APPROVED
	See Page 1		

Assy. Part No.	Chip		Lens Appearance	Absolute Maximum Ratings					Electro-Optical Data @ 20mA			Viewing Angle (Deg)	LED Part No.	
	Peak Wave Length $\lambda_p$ (nm)	Emitted Color		$\Delta\lambda$ (nm)	$P_d$ (mW)	$I_f$ (mA)	Peak $I_f$ (mA)	$V_f$ (V)	$I_v$ (mcd)	Typ.	Max.			Typ.
ELM1XXX5UBWC.6K	470	BLUE	WATER CLEAR	76	30	150	3.8	4.0	600	3.8	4.0	600	25	5UBWC-0.6K-F
ELM1XXX5UTC	502	TURQUOISE	WATER CLEAR	70	30	150	3.5	4.0	900	3.5	4.0	900	20	5UTC-F
ELM1XXX5UGC	562	GREEN	WATER CLEAR	100	30	150	2.2	2.6	800	2.2	2.6	800	30	5UGC-F
ELM1XXX5SUGC	574	GREEN	WATER CLEAR	100	30	150	2.2	3.0	1000	2.2	3.0	1000	30	5SUGC-F
ELM1XXX5UYC	588	YELLOW	WATER CLEAR	100	30	150	2.0	2.6	1000	2.0	2.6	1000	20	5UYC-F
ELM1XXX5UYC-2K	590	YELLOW	WATER CLEAR	120	30	150	1.9	2.4	2000	1.9	2.4	2000	30	5UYC-2K-F
ELM1XXX5UUYC	592	YELLOW	WATER CLEAR	100	30	150	2.1	2.6	3000	2.1	2.6	3000	30	5UUYC-F
ELM1XXX5UOC	620	ORANGE	WATER CLEAR	100	30	150	2.2	2.6	3000	2.2	2.6	3000	30	5UOC-F
ELM1XXX5SUOC	633	ORANGE	WATER CLEAR	100	30	150	2.2	2.6	4500	2.2	2.6	4500	30	5SUOC-F
ELM1XXX5URC	585	RED	WATER CLEAR	60	30	150	1.7	2.6	600	1.7	2.6	600	30	5URC-F
ELM1XXX5SURC	660	RED	WATER CLEAR	65	30	150	2.0	2.6	1000	2.0	2.6	1000	30	5SURC-F
ELM1XXX5UWC0.8K	X=.29 Y=.31	WHITE	WATER CLEAR	-	30	150	3.5	4.0	800	3.5	4.0	800	25	5UWC-0.8K-F

**STANDARD TOLERANCE**  
( UNLESS OTHERWISE SPECIFIED )  
 $\pm 10\%$  All Values

**ANGULAR**  
 $X^\circ \pm 1^\circ$

**DESIGNED:** Dan Beckman  
**DATE:** 09/21/06

**CHECKED:** T. Yfin  
**DATE:** 09/21/06

**TITLE:** EXTRUDED VERTICAL T-1  
(5mm) LED NARROW PROFILE ASSY

**PART NO:** ELM1XXX5UXX  
**REVISION:** D

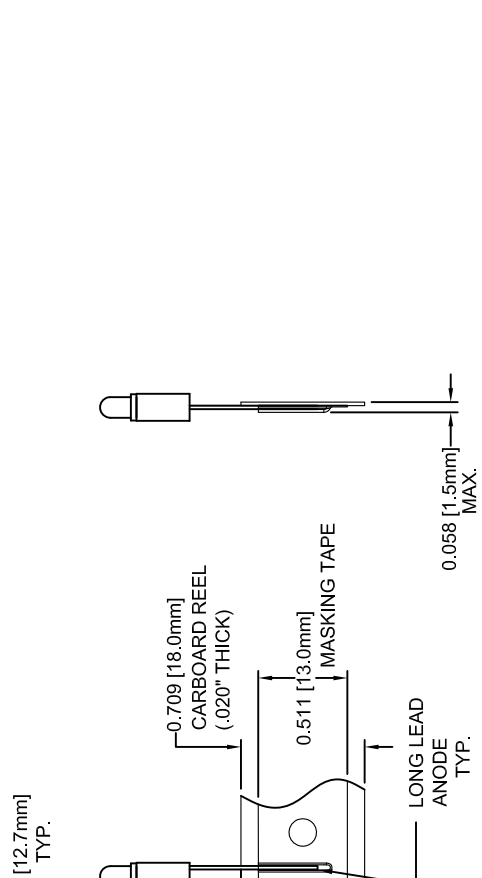
**CAGE CODE :** 32559  
**SHEET #** 2 **OF** 3

**CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.**

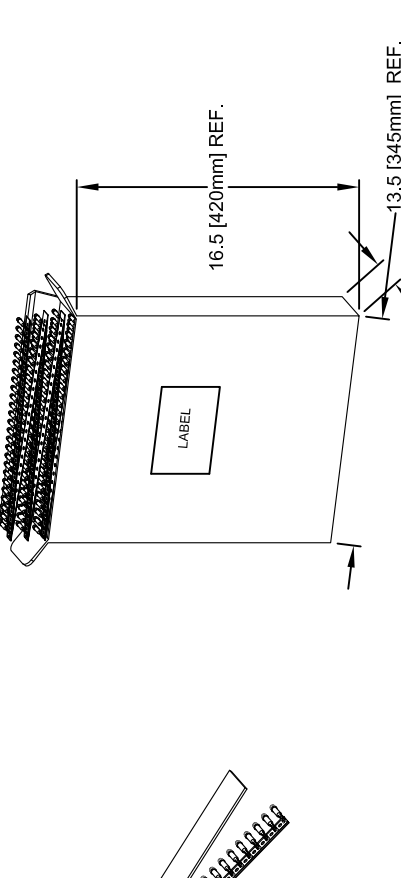


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REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

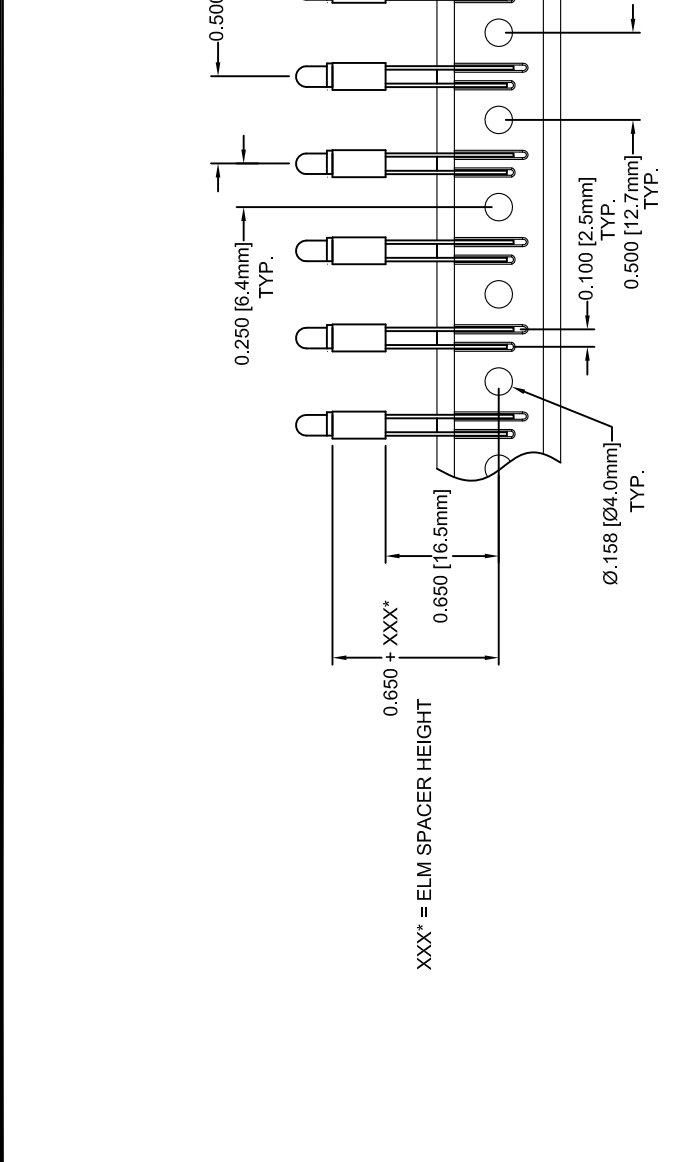


DIRECTION OF FEED →

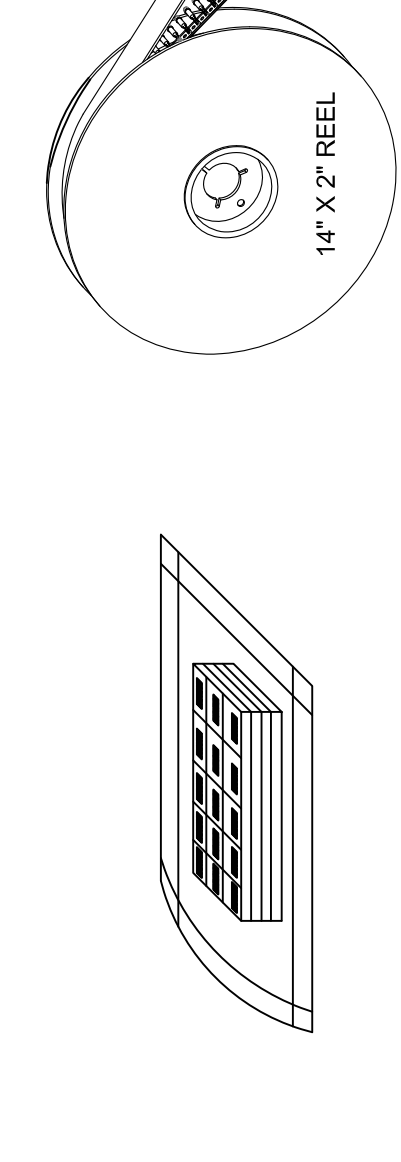


2.5 [63.5mm] REF.

AMMO PACK  
2,000 pcs / box



DIRECTION OF FEED →



2.5 [63.5mm] REF.

AMMO PACK  
2,000 pcs / box

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED )	
DECIMALS	± .1
ANGULAR	X° ± 1°
.XX	± .02
.XXX	± .010
DESIGNED:	Dan Beckman
DATE:	09/21/06
CHECKED:	T. Yin
DATE:	09/21/06
TITLE:	EXTRUDED VERTICAL T-1 (5mm) LED NARROW PROFILE ASSY
PART NO.:	ELM1XXX5UXX
REVISION:	D
CAGE CODE :	32559
SHEET #	3 OF 3
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.	

**NOTE:**

- STANDARD PART NUMBERS ARE PACKAGED IN LOOSE PIECES USING PACKAGING TRAYS
- ADD "T" SUFFIX TO PART NUMBER FOR TAPE AND REEL PACKAGING OPTION (1,000 PCS/REEL)
- ADD "A" SUFFIX TO PART NUMBER FOR AMMO PACK OPTION (2,000 PCS/BOX)
- TAPE AND REEL PACKAGING COMPLY TO EIA-468-C