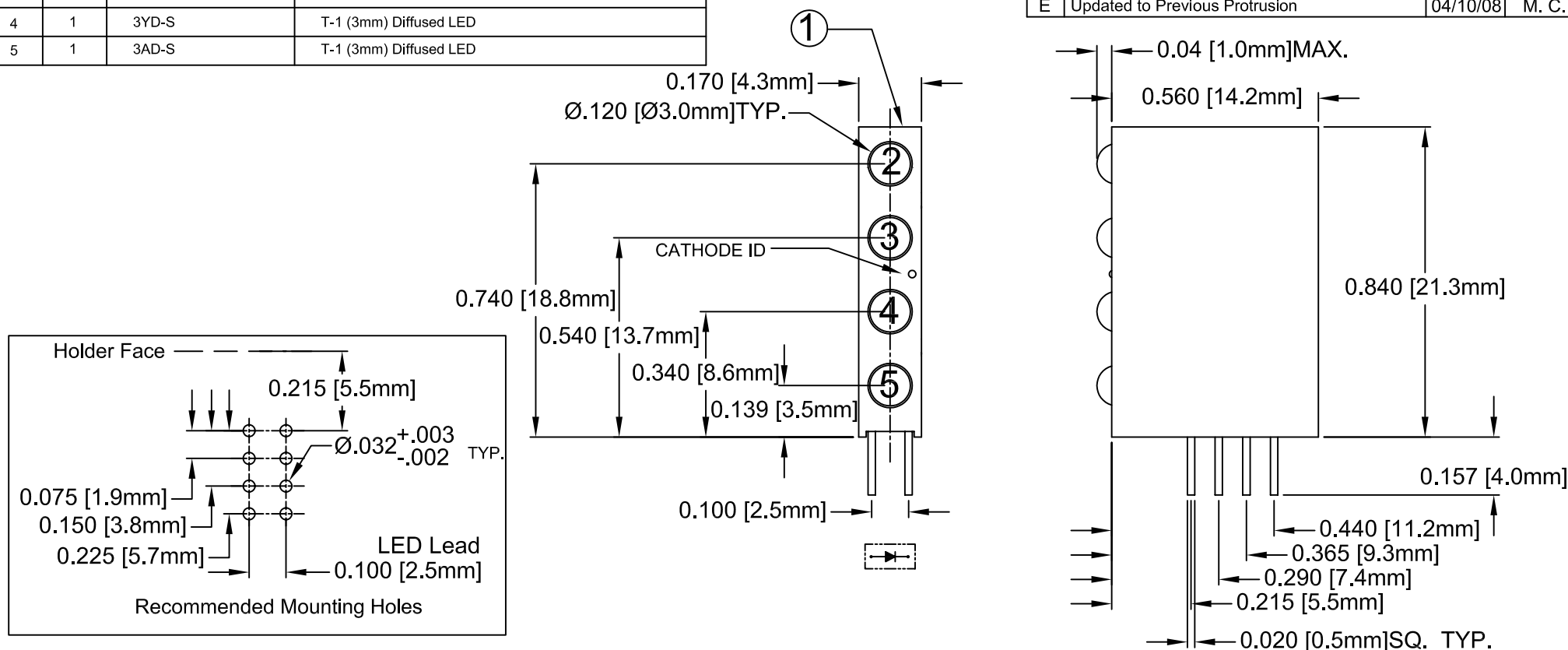


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-401C	T-1 (3mm) Quad-Level LED Holder
2	1	3HD-LL	T-1 (3mm) Diffused LED, Long Leads
3	1	3GD-S	T-1 (3mm) Diffused LED
4	1	3YD-S	T-1 (3mm) Diffused LED
5	1	3AD-S	T-1 (3mm) Diffused LED

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	09/06/05	M. C.
B	Changed LED from 3HD to 3HD-LL.	03/23/07	M. C.
C	Changed LEDs to Shouldered	01/28/08	M. C.
D	Updated Protrusion Length	03/13/08	M. C.
E	Updated to Previous Protrusion	04/10/08	M. C.



LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @ 20ma			Viewing Angle 2 Θ ½ (Deg)
	Material	Peak Wave Length λp(nm)	Emitted Color		Δλ (nm)	Pd (mW)	If (mA)	Peak If(mA)	Vf (V)		Iv (mcd)	
									TYP	MAX	TYP	
3HD-LL	GaAsP/GaP	635	HE RED	DIFFUSED	45	80	30	150	2.0	2.6	30	45
3GD-S	GaP/GaP	565	GREEN	DIFFUSED	30	80	30	150	2.2	2.6	30	45
3YD-S	GaAsP/GaP	585	YELLOW	DIFFUSED	35	80	30	150	2.1	2.6	20	45
3AD-S	GaAsP/GaP	610	AMBER	DIFFUSED	35	80	30	150	2.2	2.6	30	45

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE _____ 5V
 REVERSE CURRENT (VR=5V) _____ 100 μ A
 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)		BIVAR®	
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.X $\pm$.1	X° $\pm$ 1°	TEL: (949) 951-8808 FAX: (949) 951-3974	
.XX $\pm$.02		TITLE: QUAD-LEVEL T-1 (3mm)	
.XXX $\pm$.010		LED HOLDER	
DESIGNED: Sonny Dam	DATE: 09/06/05	PART NO: H401CHGYAD	REVISION: E
CHECKED: T. Yin	DATE: 09/06/05	CAGE CODE : 32559	SHEET # 1 OF 1
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			

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H401CHGYAD