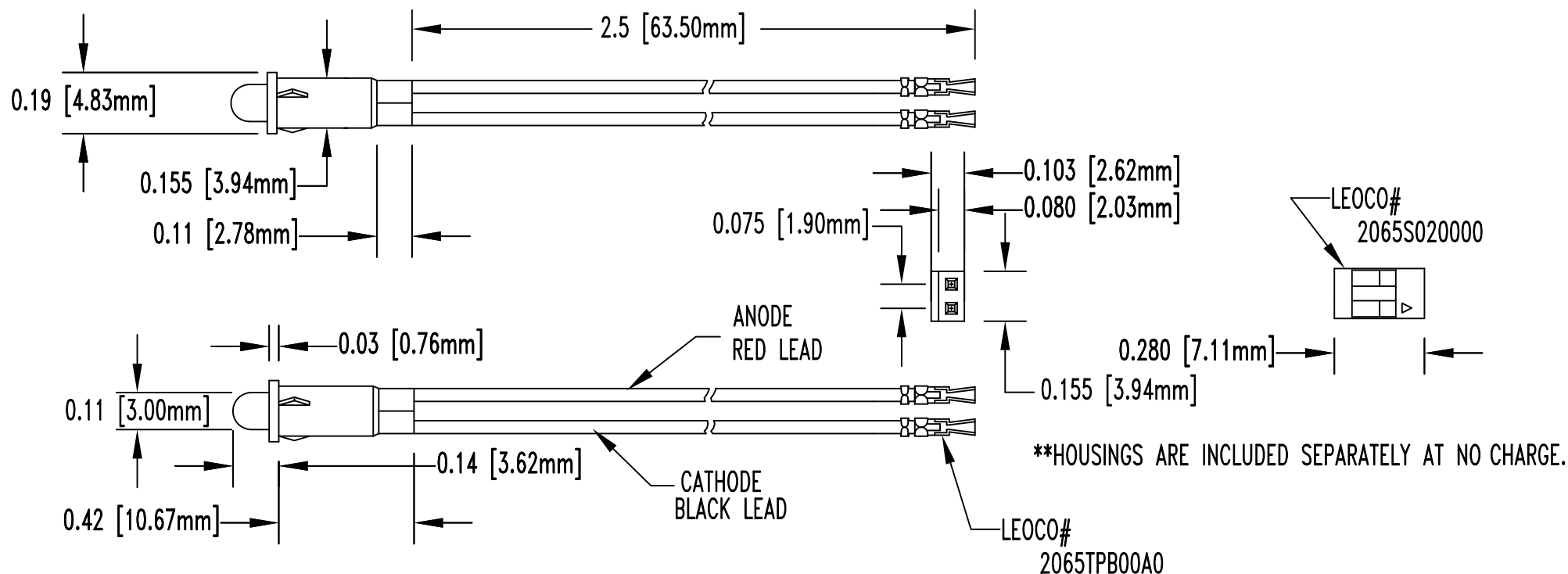


REV	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE		
B	Added -S to 3HDL in Table	12/18/12	TY



LED PART NO.	Chip		LENS APPEARANCE	Absolute Maximum Ratings				Electro-Optical Data @ 2mA			Viewing Angle (deg)
	EMITTED COLOR	PEAK WAVE λ P (nm)		Δ λ (nm)	pd (mW)	Typ. If (mA)	Peak If (mA)	Vf (V)		Iv Typ. (mcd)	
								Typ.	Max.		
3HDL-S	HE RED	635	DIFFUSED	45	10	5	—	1.8	2.2	6.0	45.0

ABSOLUTE MAXIMUM RATINGS ($T_a=25^\circ\text{C}$)

REVERSE VOLTAGE	5V
REVERSE CURRENT	100uA
OPERATING TEMPERATURE RANGE	-40°C - 80°C
STORAGE TEMPERATURE	-40°C - 100°C
LEAD SOLDERING TEMPERATURE(1/16" FROM BODY)	260°C FOR 5 SECONDS

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR .X ± .015 ± 1° .XX ± .010 .XXX ± .005 .XXXX ± .001		Bivar® 4 THOMAS, IRVINE, CA.92618 TEL: (949) 951-8808 FAX: (949) 951-3974		PART NAME:	
DESIGNER SHANE IRVING	DATE 1/11/02			T-1 (3mm) PANEL MOUNT	
CHECKER ANTHONY VILGIATE	DATE 1/11/02	SIZE A	DWG NAME	DWG NO. PM3HDLW2.5CBK2	REV B
SCALE 2=1		CAGE CODE 32559		SHEET 1 OF 1	