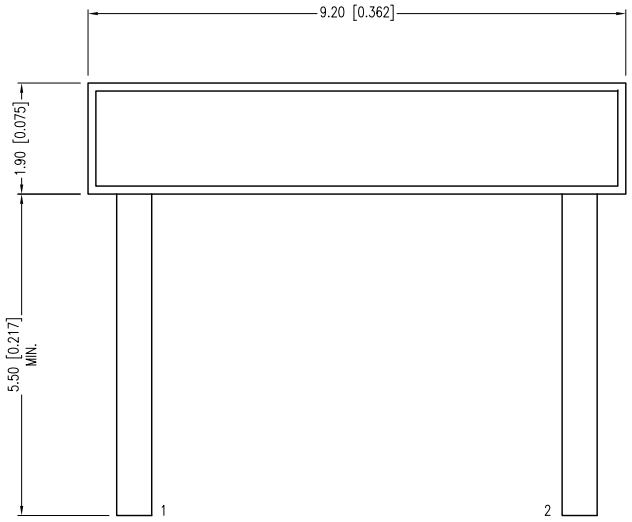
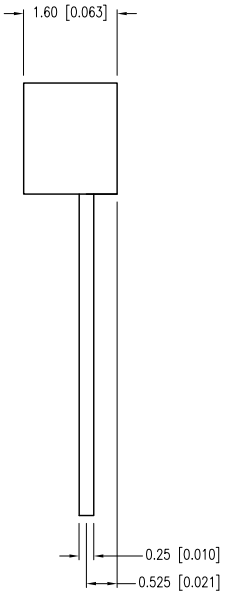
PART NUMBER	SSB-LX019AC	REV.	-





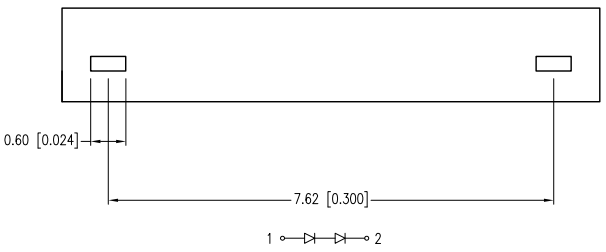
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

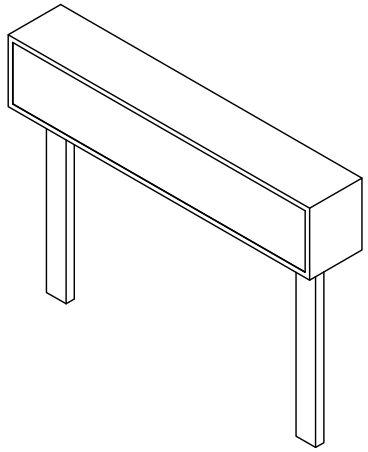
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		605		nm	
FORWARD VOLTAGE		4.0	5.0	V_f	
REVERSE VOLTAGE	10			V_r	I_r=100uA
AXIAL INTENSITY		32		mcd	I_f=20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	AMBER				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	125	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	150	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +80	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		5 SEC. MAX

* t<10uS





*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

UNCONTROLLED DOCUMENT

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MEMBER OF ITW PHOTONICS GROUP

9.20 x 1.90mm, SIDE FIRING LED, 605nm AMBER, WATER CLEAR LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

DATE:	01.28.13	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		