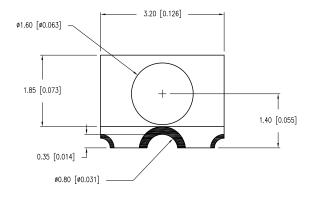
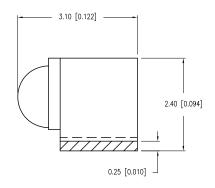
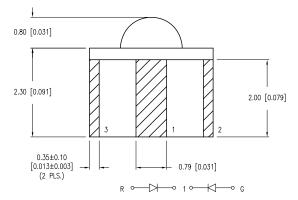
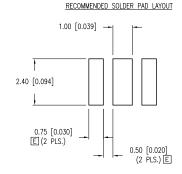
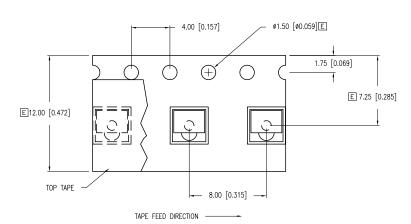
UNCONTROLLED DOCUMENT











PART NUMBER	SMF-2432IGC-TR	REV.	F
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.30.01	E.C.N. #10781.		Α
01.30.02	E.C.N. #10835.		В
09.23.02	E.C.N. #10912.		O
01.15.07	E.C.N. #11148.		D
12.04.08	E.C.N. #11540.		Ē
10.21.13	F.C.N. #11882.		F

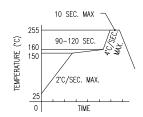
ELECTRO-OPTICAL CHARA	CTERIST	ICS TA = 25°C	$I_f = 20 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_{f}	
REVERSE VOLTAGE	5.0			V_r	I _r =100uA
AXIAL INTENSITY (R/G)		8/13		mcd	I _f =20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	RED/G	REEN			
EPOXY LENS FINISH:	WATER	CLEAR LENS			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION (R/G)	80/85	mW
DERATE FROM 25°C	-1.6	mW/*C
OPERATING TEMP.	-20 TO +85	•C
STORAGE TEMP.	-30 TO +85	*C
* t<10uS		

NOTES:

C 1. 500 PIECES PER REEL.

D LEAD FREE REFLOW PROFILE



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

*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= +DECIMAL PRECISION UNCONTROLLED DOCUMENT



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BICOLOR 635nm RED/565nm GREEN LED, Ø1.6mm RIGHT ANGLE SURFACE MOUNT LED, WATER CLEAR LENS, CC.

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

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DATE: 06.18.01 DRAWN BY: JC PAGE: 1 OF 1 CHKD BY: SCALE: N/A APRVD BY: UNIT: mm [INCH] (Pb)