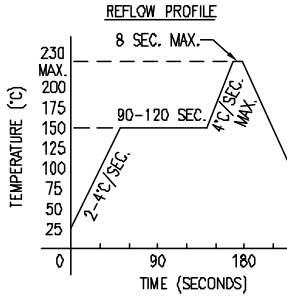
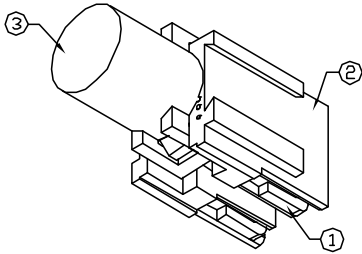
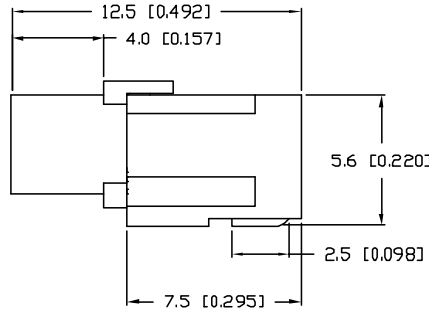
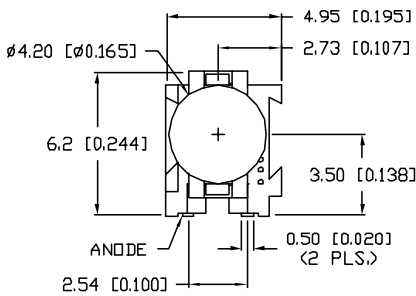


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SMF-HM1340ID-LTR		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10683.	11.29.00
B	E.C.N. #11148.	01.15.07



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		30		mcd	I _f =20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
SOLDERING TEMP.	2.0mm FROM BODY	3 SEC. MAX

* $t < 10\mu\text{s}$

NOTES:

- SSL-LX305F4D, RED LED.
- SSH-LXHM1340, MATING BLACK HOLDER.
- LXP-LXN1340, CLEAR LENS.
- PARTS SUPPLIED ON TAPE AND REEL.



UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= -0.000 DECIMAL PRECISION MAX.= +0.000 DECIMAL PRECISION

REV.	PART NUMBER
B	SMF-HM1340ID-LTR
T-3mm (T-1) MATING SMT RIGHT ANGLE FAULT INDICATOR, 635nm RED LED, CLEAR LENS ATTACHED.	

CONFIDENTIAL INFORMATION
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RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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JC			2.21.00
			PAGE: 1 OF 1
			SCALE: N/A