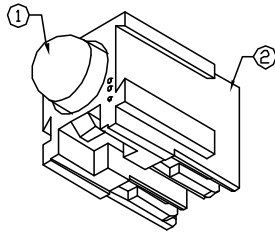
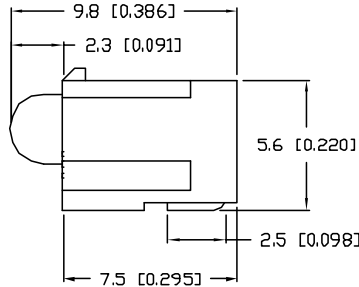
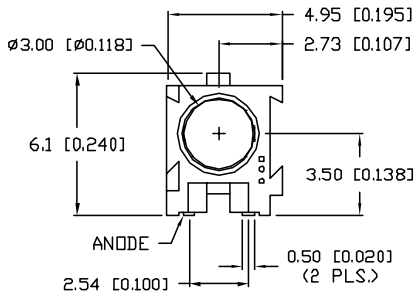
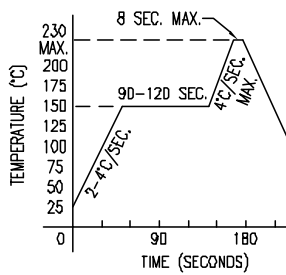


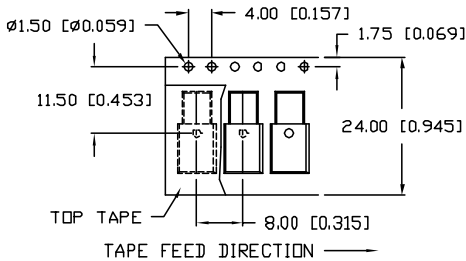
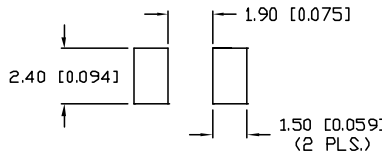
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REFLOW PROFILE



RECOMMENDED SOLDER PAD LAYOUT



TAPE FEED DIRECTION

\*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.=<sup>+0.00</sup> DECIMAL PRECISION, MAX.=<sup>+0.00</sup> DECIMAL PRECISION

PART NUMBER		REV.
SMF-HM1340ID-TR		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 <sub>A</sub> =25°C I <sub>f</sub> =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100µA
AXIAL INTENSITY		30		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		60		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
2.0mm FROM BODY		3 SEC. MAX

\* t < 10µS

NOTES:

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



UNCONTROLLED DOCUMENT

REV.	PART NUMBER
B	SMF-HM1340ID-TR
T-3mm (T-1) MATING SMT RIGHT ANGLE FAULT INDICATOR, 635nm RED LEDs, RED DIFFUSED LENS.	

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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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	DRAWN BY:	CHECKED BY:	APPROVED BY:
JC			DATE: 2.21.00 PAGE: 1 OF 1 SCALE: N/A