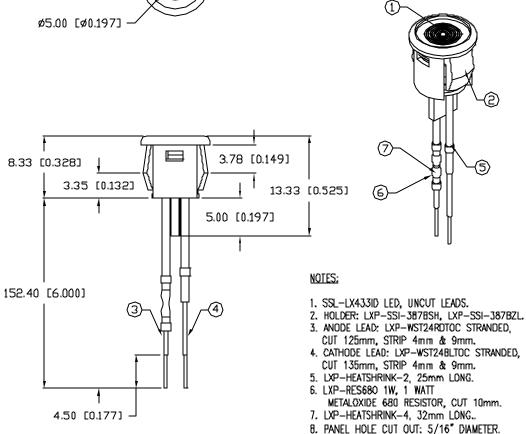
UNCONTROLLED DOCUMENT

PART NUMBER SSI-LXH387IDQ27785





ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}C$ If = 20mA								
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND			
PEAK WAVELENGTH		635		nm				
FORWARD VOLTAGE		24.0	28.0	Vf				
REVERSE VOLTAGE	5.0			٧r	l _r =100μΑ			
AXIAL INTENSITY		10		med	l f = 20mA			
VIEWING ANGLE		120		2x theta				
EMITTED COLOR:	RED							
EPOXY LENS FINISH:	red diff	FUSED						

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	m₩/°C		
OPERATING, STORAGE TEMP.	- 40 TO + 85	°C		
SOLDERING TEMP.	+ 260	. С		
2.0mm FROM BODY		3 SEC. MAX		
* t<10.6				

τ< ιυμs

	*Unless otherwise specified tolerances per deginal precision are: x=±1 (±0.03	99), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). Ц	L/// (EAD SIZE=±0.05 (±0.002), I	CONTROL LEAD LENGTH=±0.75 (±0.030).	LED DO($MN = +DECINAL PRECISION$ $MN = -0.00$	UMENT WAX.= +0.0D WAX.= -DECIWAL PRECISION
REV.	part number SSI—LXH387IDQ27785	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX NO. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC, THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DECISIONE AND DESEMBATION TO ALL THEOP PARTIES.		PALA PHON US W	E. HELEN ROAD NNE, IL 60067 E: +1.847.359. /EB: www.lumex. /EB: www.lumex.	—6976 ^Ш 2790 com
63	T—5 FRESNEL LENS PANEL INDICATOR, 35nm HIGH INTENSITY RED LED, RED DIFFUSED LENS, WITH 6" WIRE LEADS.	IN PART PROVI DUCLISIBLE AND DESEMBATION TO ALL THEO PARTIES. <u>Relability note</u> Our many years of experience data accumulation indicate that solder heat is a major gause of early and future failure please pay attention to your soldering process.	DRAWN BY:	CHECKED BY: A	APPROVED BY: D	

REV.

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