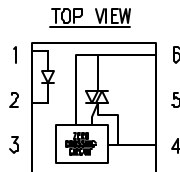
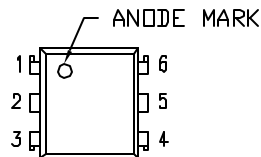
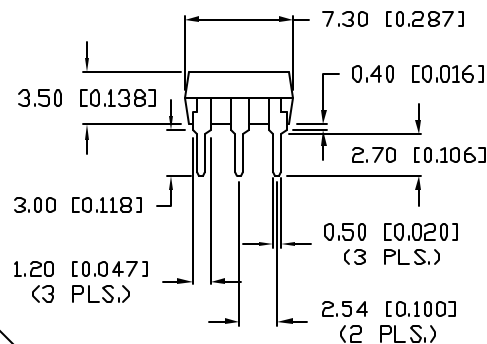
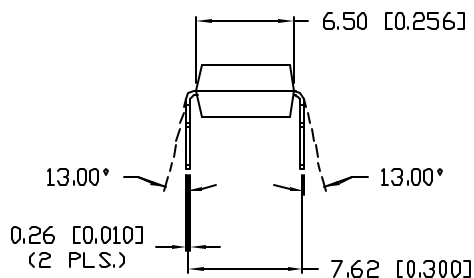


UNCONTROLLED DOCUMENT



NOTES:

1. ANODE
2. CATHODE
3. NC
4. MAIN TERMINAL
5. SUBSTRATE
DO NOT CONNECT
6. MAIN TERMINAL



ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
I FORWARD VOLTAGE	V _F	I _F =10mA	-	1.2	1.5	V
REVERSE CURRENT	I _R	V _R =4V	-	-	10	μA
O PEAK BLOCKING CURRENT	I _{DRM}	V _{DRM} =RATED	-	60	500	nA
ON STATE VOLTAGE	V _{TM}	I _{TM} =100mA	-	1.8	3	V
RISE RATE (OFF STATE)	dV/dT		100	-	-	V/μS
T HOLDING CURRENT	I _H		-	100	-	μA
INHIBIT VOLTAGE (MT1 - MT2)	V _{INH}	I _F =5mA	-	5.0	20	V
INHIBIT STATE LEAKAGE	I _{DM2}	I _F =RATED I _{IT} , RATED V _{DRM} , OFF STATE	-	-	500	μA
ISOLATION RESISTANCE	R _{ISO}	500V D.C.	5 ¹⁰	10 ¹¹	-	Ω
MIN TRIGGER CURRENT	I _{IT}	MAIN TERMINAL=3V	-	-	5	mA

I=INPUT, O=OUTPUT, T=TRANSFER CHARACTERISTICS.

*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.=+DECIMAL PRECISION -0.00, MAX.=+0.00 -DECIMAL PRECISION

REV.

A

PART NUMBER

OCP-PCTR126

SIX PIN DIP SINGLE CHANNEL 600V PHOTOCOUPLER,
ZERO CROSSING TRIAC.

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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY:

JC

CHECKED BY:

APPROVED BY:

DATE: 7.12.01

PAGE: 1 OF 1

SCALE: N/A

PART NUMBER
OCP-PCTR126

REV.

A

REV. E.C.N. NUMBER AND REVISION COMMENTS

A E.C.N. #11148.

DATE

5.16.07

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

PARAMETER	SYMBOL	MAX	UNITS
I FORWARD CURRENT	I _F	50	mA
PEAK FORWARD CURRENT	I _{FM}	1	A
REVERSE VOLTAGE	V _R	6	V
POWER DISSIPATION	P _D	70	mW
O OFF-STATE OUTPUT TERMINAL VOLTAGE	V _{DRM}	600	V
PEAK REPETITIVE SURGET CURRENT	I _{TSM}	1	A
POWER DISSIPATION	P _D	300	mW
TOTAL POWER DISSIPATION	P _{tot}	330	mW
ISOLATION VOLTAGE 1 MIN.	V _{ISO}	5000	V _{RMS}
OPERATING TEMPERATURE	T _{opr}	-40 TO +80	°C
STORAGE TEMPERATURE	T _{stg}	-40 TO +125	°C
SOLDERING TEMPERATURE	T _{sol}	+260	°C
2.0mm FROM BODY		10 SEC. MAX	

I=INPUT, O=OUTPUT.



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