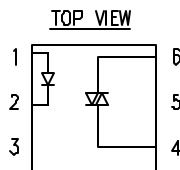
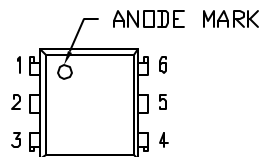
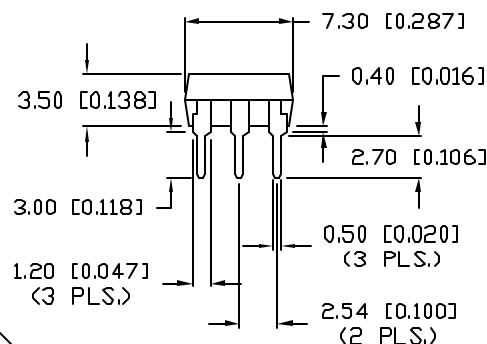
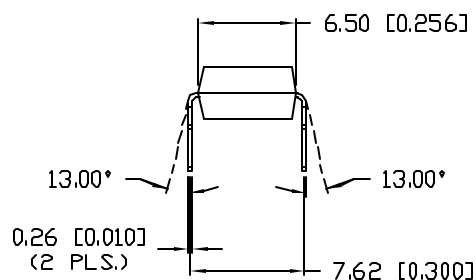


UNCONTROLLED DOCUMENT



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
PEAK FORWARD VOLTAGE	V _{FM}	I _{FM} =0.5A	-	-	3.5	V
O PEAK BLOCKING CURRENT	I _{DRM}	V _{DRM} =RATED	-	-	10 ⁻⁷	A
ON STATE VOLTAGE	V _{TM}	I _{TM} =100mA	-	1.6	3	V
T RISE RATE (OFF STATE)	dV/dT	V _{DRM} =(1/√2) * RATED	10	-	-	V/μS
TURN ON TIME	T _{ON}	V _f =6V, R _L =100, I _F =20mA	-	-	100	μS
ISOLATION RESISTANCE	R _{ISO}	500V D.C.	5 ¹⁰	10 ¹¹	-	Ω
MIN TRIGGER CURRENT	I _{FT}	MAIN TERMINAL=3V	-	-	5	mA

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

PART NUMBER		REV.
OCP-PCTR126-NZC		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	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}	400	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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*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.=+0.00/-0.00, MAX.=+0.00/-0.00

REV.

A

PART NUMBER

OCP-PCTR126-NZC

SIX PIN DIP SINGLE CHANNEL 400V PHOTOCOUPLER,
WITH TRIAC.

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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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PAGE: 1 OF 1

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