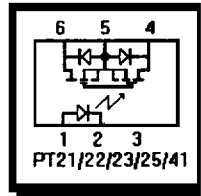




Optolink

PHOTOMOS RELAYS

GENERAL TYPE PHOTO MOS RELAYS
WITH STANDARD I/O ISOLATION TYPE
AND REINFORCED ISOLATION TYPE.
THE RELAYS CAN BE NORMALLY
CLOSED AND SURFACE MOUNTED BY
FORMING THE LEADS



PART NUMBER	PTV2 51	PTV 252	PTV 255	PTV 257	PTV 253	PTV 254	PTV 259	PTV 258	PTV 253H	PTV 254H	PTV 257H
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OUTPUT	LOAD VOLT		40V	60V	100V	200V	250V	400V	1000V	1500V	250V	400	200V
	CONTINUED LOAD CURRENT			0.5A	0.4A	0.35A	0.25A	0.2A	0.15A	0.03A	0.02A	0.2A	0.15A
PEAK LOAD CURRENT			1.8A	1.5A	1.0A	0.75A	0.6A	0.5A	0.09A	0.06A	0.6A	0.5A	
POWER DIS (mW)			360	360	360	360	360	360	360	360	360	360	360
ON RESIST	MAX	Ω	1.0	1.4	2.5	4.0	8.0	16.0	200	500	8.0	16.0	4.0
OUTPUT CAP		PF	350pF	350pF	350pF	170pF	170pF	170pF	80pF	80pF	170pF	170pF	170pF
OFF STATE LEAKAGE CURRENT		μA	1μA	1μA	1μA	1μA	1μA	1μA	10μA	10μA	1μA	1μA	1μA
INPUT	LED IF		50mA	50mA	50mA	50mA	50mA	50mA	50mA	50mA	50mA	50mA	50mA
	REV VOLTAGE		3V	3V	3V	3V	3V	3V	3V	3V	3V	3V	3V
	PEAK IF		1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
	POWER DISSIPATION		75mW	75mW	75mW	75mW	75mW	75mW	75mW	75mW	75mW	75mW	75mW
LED operate current (LED operate (OFF) current)	MAX		3.0mA	3.0Ma	3mA	3mA	3mA	3mA	3mA	3mA	3.0mA	3.0mA	2.0mA
	MIN		0.4mA	0.4Ma	0.4mA	0.4mA	0.4mA	0.4mA	0.4mA	0.4mA	0.4mA	0.4mA	0.2mA
LED dropout voltage (If= 5Ma)	MAX		1.5V	1.5v	1.5V	1.5V	1.5v	1.5v	1.5v	1.5v	1.5v	1.5v	1.5v
Turn on time [Operate (OFF) TIME]	MAX	msec	3.0 msec.	3.0 msec.	2 msec.	3 msec.	2.0 msec.	2.0 msec.	1.0 msec.	1 msec.	4 msec.	3.0 msec.	1.0 msec.
* SWITCH -ING SPEED	Turn off time [Reverse (ON) time]	MAX	0.2 msec.	0.2 msec.	0.2 msec.	0.2 msec.	0.2 msec.	0.2 msec.	0.2 msec.	0.2 msec.	0.2 msec.	0.2 msec.	0.6 msec.

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