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Microsemi
Progress Powered by Technology

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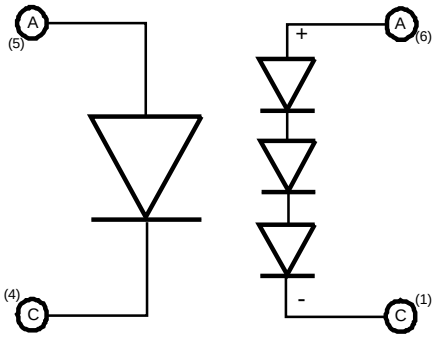
MXP1156

Photovoltaic Optocoupler

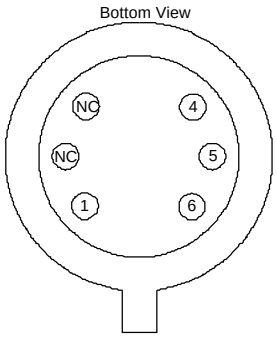


Features

- Small size for hybrid assembly
- 1,500 Vdc electrical isolation
- Available in package form or ceramic substrate

Description

- The MXP1156 series consists of a light emmitting source coupled to a dielectrically isolated photovoltaic diode array. This device can be used to drive MOS devices.
- MXP1156H - chip on ceramic substrate for Hybrid applications.
- MXP1156 - standard TO-18 package.



Electrical Characteristics @ 25°C

SYMBOL	CHARACTERISTIC	CONDITIONS	MIN	UNITS
Voc	Open Circuit Voltage	IF = 10 mA	7.5	Volts
Isc	Short Circuit Current	IF = 10 mA	5.0	uAmps
VF	Input Forward Voltage	IF = 10 mA	1.00	Volts
VR	Reverse Voltage	IR = 10 uA	20.0	Volts
T(on)	Turn-On Time	IF = 10 mA, RL = 10 MOhms	60 (typ)	usec
T(off)	Turn-Off Time	Ton = 0% - 90% Toff = 100% - 10%	400 (typ)	usec