

MOC3010M

Triac Driver Output Optocoupler, 6-Pin DIP 250V Random Phase

Product Overview

For complete documentation, see the data sheet.

The MOC301XM and MOC302XM series are optically isolated triac driver devices. These devices contain a GaAs infrared emitting diode and a light activated silicon bilateral switch, which functions like a triac. They are designed for interfacing between electronic controls and power triacs to control resistive and inductive loads for 115 VAC operations.

Features

- Excellent IFT Stability - IR Emitting Diode Has Low Degradation
- Peak Blocking Voltage
- 250 V - MOC301XM
- 400 V - MOC302XM
- Safety and Regulatory Approvals
- UL1577, 4,170 VACRMS for 1 Minute
- DIN EN/IEC60747-5-5

Applications

- Consumer Appliances
- Industrial Motor

Part Electrical Specifications												
Product	Pricing (\$/Unit)	Compliance	Status	V _{DRM} (Min) (V)	I _{FT} (Max) (mA)	V _{TM} (Max) (V)	Static dV/dt (Min)	Commutating dV/dt (Min)	I _H (Typ)	I _{DRM} (Max)	V _{ISO} (Min)	Package Type
MOC3010M	0.2689		Active	250	15	3	-	-	100	100	4200	PDIP-6
MOC3010SM	0.346		Active	250	15	3	-	-	100	100	4200	PDIP-6
MOC3010SR2M	0.38		Active	250	15	3	-	-	100	100	4200	PDIP-6
MOC3010VM	0.346		Active	250	15	3	-	-	100	100	4200	PDIP-6