

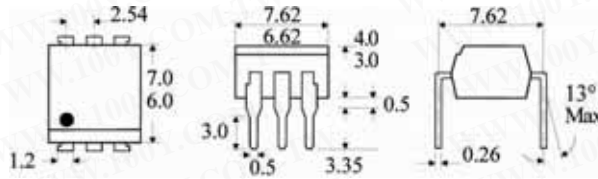
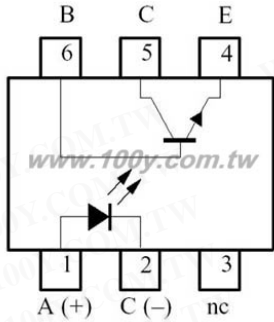


OPTOELECTRONICS & INDICATORS

the Most Recent Electronic Catalogue 2007

Transistor Output Optoisolators

Detailed product specifications are available on: us.100y.com.tw



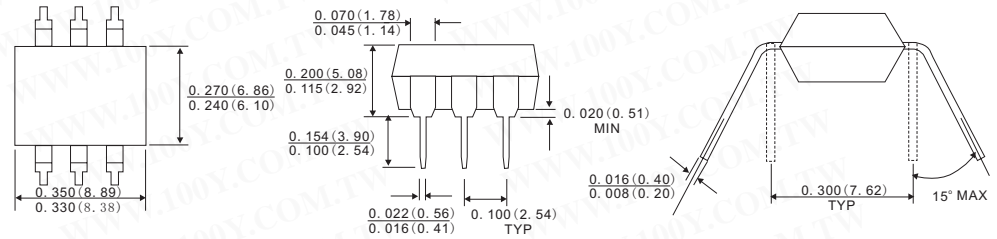
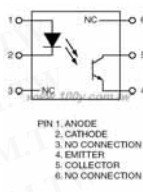
APPLICATIONS

- DC motor controllers
- Measuring instruments
- Industrial systems controllers
- Signal transmission between systems of different potentials and impedances

FEATURES

- 10mm lead spread-add G after part no.
- Surface mount-add SM after part no.
- Tape & reel-add SMT & R after part no.
- High V_{CEO} (70V min)
- High isolation voltage (5.3kV_{RMS}, 7.5kV_{PK})
- All electrical parameters 100% tested
- Custom electrical selections available

Part No.	Product No.	Manufacturer	Description	Emitter Vf	Emitter If	Detector (Vceo)	Detector Iceo	CTR(%)	Isolation(Vrms)	Pins/Packing
32922	CNY17-3X	ISOCOM	OPTICALLY COUPLED ISOLATOR PHOTOTRANSISTOR	1.65 V	60mA	70V	50 nA	100~200%	5300Vrms	6P/DIP



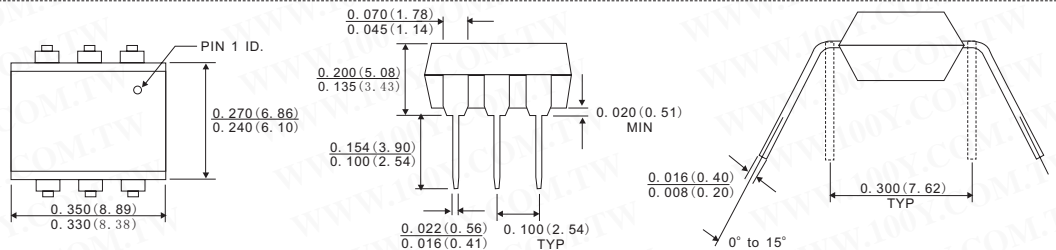
FEATURES

- High isolation voltage 5300 VAC RMS-1 minute, 7500VAC PEAK-1 minute
- High V_{CEO} minimum 70 volts
- Maximum switching time in saturation specified
- Underwriter laboratory (UL) recognized file #E90700

APPLICATIONS

- Power supply regulators
- Appliance sensor systems
- Digital logic inputs
- Industrial controls
- Microprocessor inputs

Part No.	Product No.	Manufacturer	Description	Emitter Vf	Emitter If	Detector (Vceo)	Detector Iceo	CTR(%)	Isolation(Vrms)	Pins/Packing
12242	CNY17-4.300	QTC	High isolation-NPN phototransistor	1.50V	90mA	70V	1mA	160~320%	5300V	6Pins/DIP
23902	CNY17F-2		OPTOCOUPERS FOR POWER SUPPLY APPLICATIONS	1.65mA	90mA	70 Min / 100Typ	50nA	63~125%	5300VAC	6P/SOIC



FEATURES

The MOC810X and CNY17F-X devices consist of a gallium arsenide LED optically coupled to a silicon phototransistor in a dual-in-line package.

- Closely Matched Current Transfer Ratio (CTR) Minimizes Unit-to-Unit Variation
 - Narrow (CTR) Windows that Translate to a Narrow and Predictable Open Loop Gain Window
 - Very Low Coupled Capacitance along with No Chip to Pin 6 Base Connection for Minimum Noise Susceptibility
 - To order devices that are tested and marked per VDE 0884 requirements, the suffix ".300" must be included at the end of part number. e.g. MOC8101.300
- VDE 0884 is a test option.

APPLICATIONS

- Switchmode Power Supplies (Feedback Control)
- AC Line/Digital Logic Isolation
- Interfacing and coupling systems of different potentials and impedances



Part No.	Product No.	Manufacturer	Description	Emitter Vf	Emitter If	Detector (Vceo)	Detector Iceo	CTR(%)	Isolation(Vrms)	Pins/Packing
29528	CNY17F-3	Fairchild	OPTOCOUPERS FOR POWER SUPPLY APPLICATIONS	1.45V	60mA	70V	50mA	100~200%	5300Vdc	6P/DIP



Multichannel Optocoupler with Phototransistor Output



Part No.	Product No.	Manufacturer	Description	Emitter Vf	Emitter If	Detector (Vceo)	Detector Iceo	CTR(%)	Pins/Packing
39606	CNY74-2	TEMIC	Multichannel Optocoupler with Phototransistor Output	7V	50mA	70V	100nA	100%	DIP/8P

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