

Zero Crossing Triac Couplers

Single Channel, 6 Pin DIP

Part Number	Features	Input Trigger Current VTM = 3V Max (mA)	Isolation Test Voltage V (Peak)	Continuous Forward Current Max (mA)	Peak Blocking Voltage Min (V)	Peak Off-State Reverse Current V _{DRM} = Rated Max (nA)	Zero Crossing Inhibit Voltage I _{FT} =Rated Max(V)	Schematic No.	Package No.
MOC3030	Optically Coupled pair with infrared LED and Silicon Detector. Performing the function of a Zero Voltage Crossing Bilateral Triac Driver	30	7500	60	250	300	30	1	1
MOC3031		15							
MOC3032		10							
MOC3033		5							
MOC3040		30			400		35		
MOC3041		15							
MOC3042		10							
MOC3043		5							
MOC3060		30			600				
MOC3061		15							
MOC3062		10							
MOC3063		5							
IS620		30							
IS621		15							
IS622		10							
IS623		7							

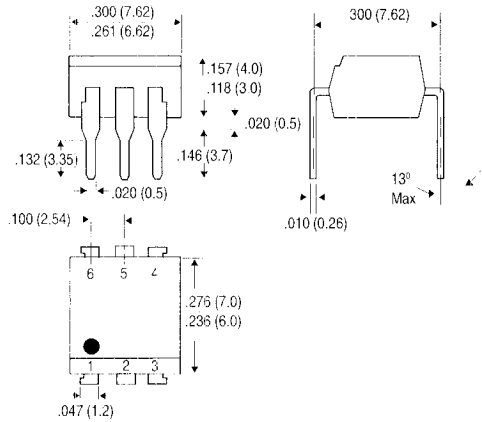
Photo SCR

Single Channel Dip, Photo SCR

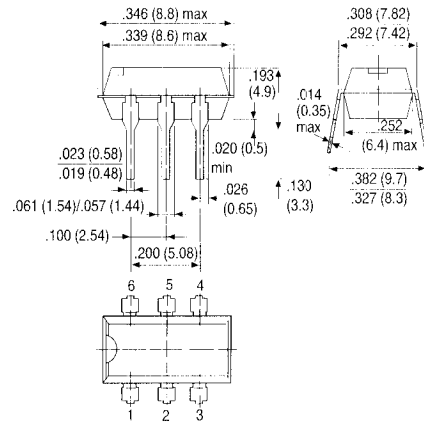
Part Number	Features	Input Trigger Current V _{AK} = 100V R _{GK} = 27K Ω Max (mA)	Isolation Breakdown Voltage V (RMS)	Continuous Forward Current Max (mA)	VBR LED I _R = 10 μ A Min (V)	Peak Off-State Reverse Voltage R _{GK} = 10K Ω Ta = 100°C Min (V)	On-State Voltage I _{TM} = 0.3A Max (V)	Schematic No.	Package No.
H11C1	Optically Coupled pair with infrared LED Emitter and Light Activated Silicon Controlled Rectifier	11	5000	60	3.0	200	1.3	33	1
H11C2									
H11C3		14							
H11C4		11				400			
H11C5									
H11C6		14							
CNY30		11				200			
CNY34						400	1.3 (I _{TM} = 100mA)		
MCS2400		14							
4N39		14				200	1.3		
4N40						400			
IS605		11				625	1.3 (I _{TM} = 100mA)		
IS606		14							

Coupler Package Drawings

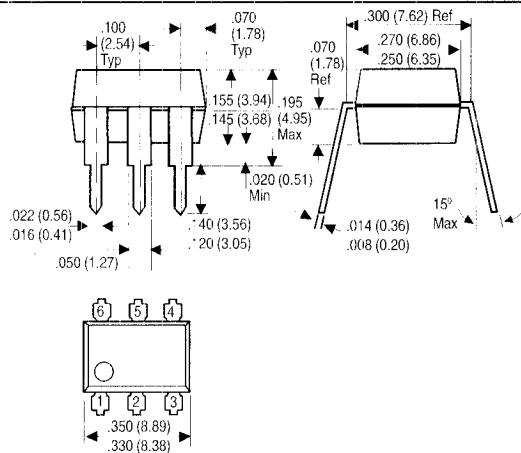
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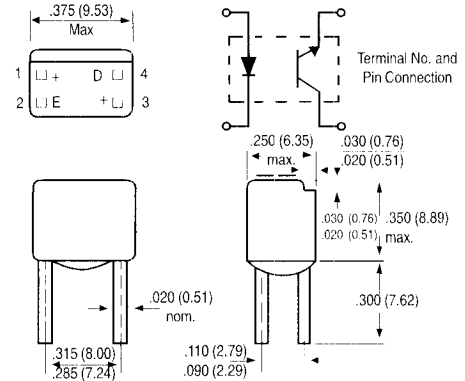
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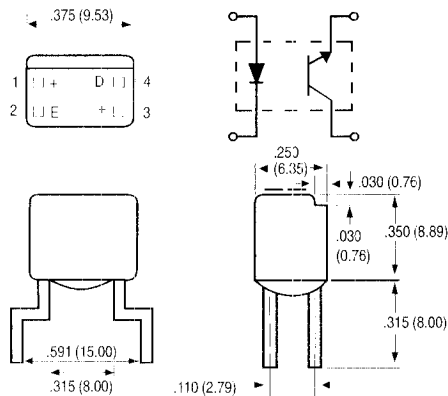
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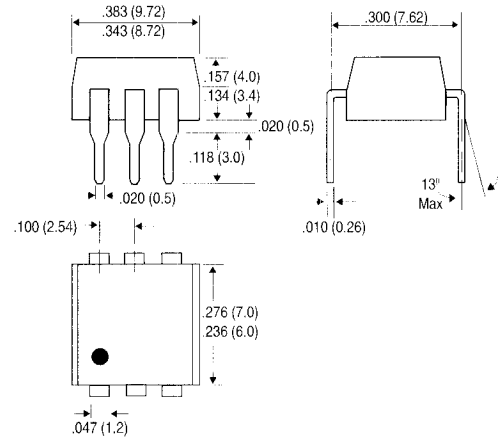
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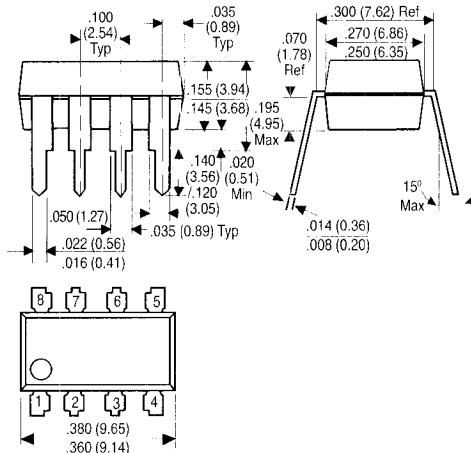
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6



7



8



Coupler Schematics

