

Dual Channel

General Purpose 8 Pin DIP

Part Number	Features	Current Transfer Ratio I _F = 10mA Min (%)		Isolation Breakdown Voltage V (pk)	Continuous Forward Current Max (mA)	VBR LED I _R = 10μA Min (V)	BV _{CEO} I _C = 1mA Min (V)	I _{CEO} (Dark) V _{CE} = 10V Max (nA)	V _{CE} (Sat) I _F = 16mA I _C = 0.5mA Max (V)	Schematic No.	Package No.
ILJ2 NEW	Two Isolators in one Package Independently Isolated from each other	100	30 (I _F = 1mA)	7500	60	3.0	70	50	0.5 (I _C = 1.6mA)	24	13
ISD1		20					50				
ISD5		50					70				
ISD74		12.5 (I _F = 16mA)					30	500(V _{CE} = 5V)	0.5		
MCT6		20						100	0.4		

High Isolation Voltage, High CTR, High Sensitivity

Part Number	Features	Current Transfer Ratio $I_F = 10\text{mA}$	Current Transfer Ratio $I_F = 1.0\text{mA}$ Min (%)	Isolation Breakdown Voltage V (DC)	Continuous Forward Current Max (mA)	VBR LED $I_R = 10\mu\text{A}$ Min (V)	BV_{CEO} $I_C = 1\text{mA}$ Min (V)	I_{CEO} (Dark) $V_{CE} = 10\text{V}$ Max (nA)	V_{CE} (Sat) $I_F = 10\text{mA}$ $I_C = 2\text{mA}$ Max (V)	Schematic No.	Package No.
ISD201	Two Isolators in one Package Independently Isolated from each other	75 min	10	5000	60	3.0	30	50	0.4	24	13
ISD202		125 - 250	30								
ISD203		225 - 450	50								
ISD204		200 - 400	100								

Quad Channel

General Purpose 16 Pin DIP

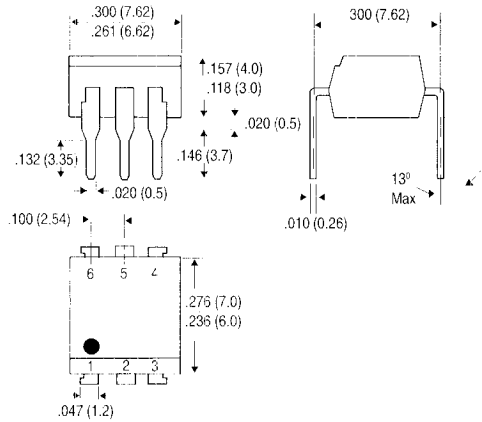
Part Number	Features	Current Transfer Ratio I _F = 10mA Min (%)		Isolation Breakdown Voltage V (Peak)	Continuous Forward Current Max (mA)	VBR LED I _R = 10μA Min (V)	BV _{CEO} I _C = 1mA Min (V)	I _{CEO} (Dark) V _{CE} = 10V Max (nA)	V _{CE} (Sat) I _F = 16mA I _C = 2mA Max (V)	Schematic No.	Package No.
ISQ2 NEW	Four Isolators in one Package Independently Isolated from each other	100	30 (I _F = 1mA)	7500	60	3.0	70	50	0.5	26	14
ISQ1		20					50				
ISQ5		50					70				
ISQ74		12.5 (I _F = 16mA)					30				

High Isolation Voltage, High CTR, High Sensitivity

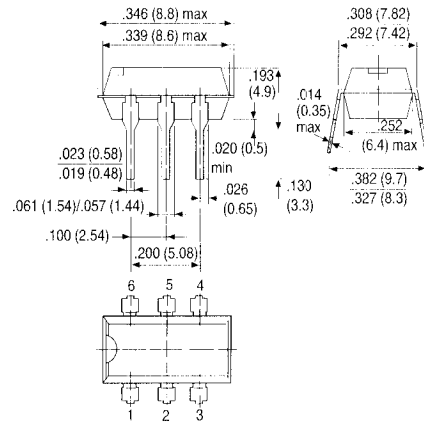
Part Number	Features	Current Transfer Ratio $I_F = 10\text{mA}$	Current Transfer Ratio $I_F = 1.0\text{mA}$ Min (%)	Isolation Breakdown Voltage V (Peak)	Continuous Forward Current Max (mA)	VBR LED $I_R = 10\mu\text{A}$ Min (V)	BV_{CEO} $I_C = 1\text{mA}$ Min (V)	I_{CEO} (Dark) $V_{CE} = 10\text{V}$ Max (nA)	V_{CE} (Sat) $I_F = 10\text{mA}$ $I_C = 2\text{mA}$ Max (V)	Schematic No.	Package No.
ISQ201	Four Isolators in one Package Independently Isolated from each other	75 min	10	7500	60	3.0	30	50	0.4	26	14
ISQ202		125 - 250	30								
ISQ203		225 - 450	50								
ISQ204		200 - 400	100								

Coupler Package Drawings

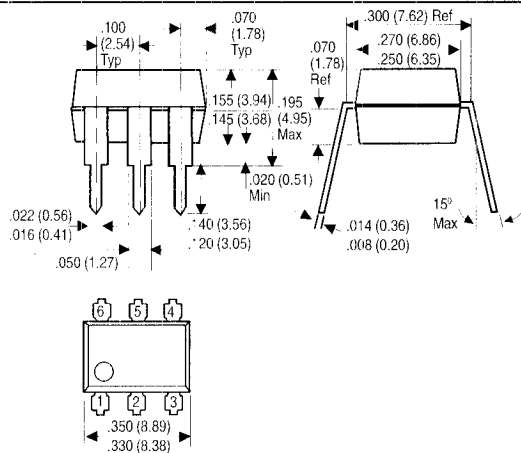
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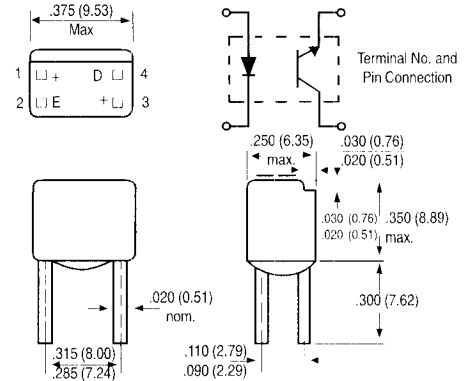
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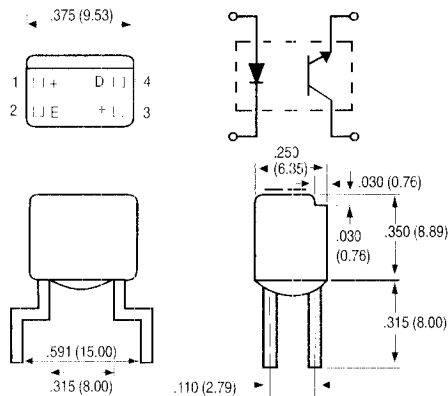
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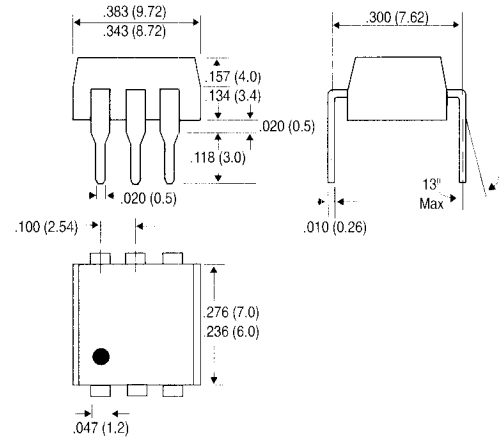
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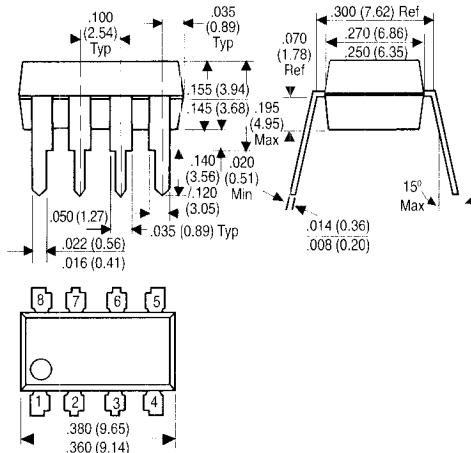
5



6



7



8



Coupler Schematics

