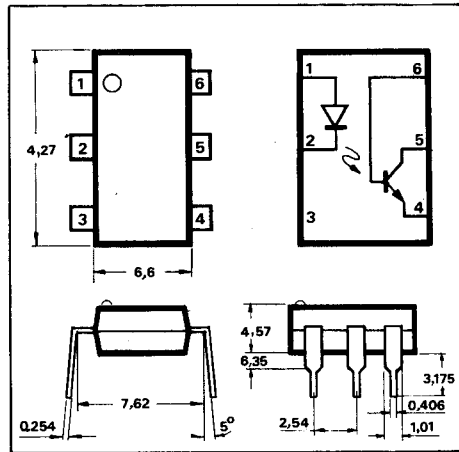


Phototransistor Opto-Isolators

DESCRIPTION

A range of optically coupled isolators employing a Gallium Arsenide infrared LED and a silicon NPN photo transistor. Signal information, including a DC level, can be transmitted by the device while maintaining a high degree of electrical isolation between input and output. They can be used to replace relays and transformers in many digital interface applications as well as analogue applications such as CRT modulation.

DIMENSIONS



REFERENCE TABLE

Device	Current Transfer Ratio		Isolation Breakdown Voltage (V)	Max. Cont. Fwd. LED Current (mA)	Typ. Dark Current (nA)	max. V_{CE0} (V)	Stock No.
	Min.	Typ.					
IL1	0.2	0.35	2500	150	5	30	34659G
IL5	0.5	0.7	2500	150	5	30	34635A
IL12	0.02	0.1	1000	100	5	30	34636X
IL15	0.06	0.14	1500	60	5	30	34637H
IL16	0.06	0.14	1500	60	5	30	34638F
IL74	0.125	0.35	1500	100	5	30	34639D

MANUFACTURER'S CURRENT LIST PRICES ARE ALWAYS CHARGED