






cosmo

ELECTRONICS CORPORATION

Type Number		KP1010	KP3010	KP4010
Picture				
Max. Ratings	Output Collector-emitter Voltage	60 V	60 V	300 V
	Output Collector Power Dissipation	150 mW	150 mW	200 mW
	Isolation Voltage 1 minute	5000 Vrms	5000 Vrms	5000 Vrms
Electro-Characteristics	Input Forward Voltage (max.)	1.4 V	1.4 V	1.4 V
	Output Collector Dark Current (max.)	10^{-7} A	10^{-7} A	10^{-7} A
	Current Transfer Ratio	60-600%	60-600%	600-9000%
	Isolation Resistance (min.)	5×10^{10} ohm	5×10^{10} ohm	5×10^{10} ohm
	Rise Response Time (max.)	20uS	20uS	300uS
	Fall Response Time (max.)	20uS	20uS	250uS
Features		<ul style="list-style-type: none"> ● Current transfer ratio CTR:MIN.60 at $I_F=2\text{mA}$, $V_{ce}=5\text{V}$ ● High Isolation voltage between input and output (Viso:5000Vrms) ● Compact dual-in-line package 	<ul style="list-style-type: none"> ● Current transfer ratio CTR:MIN.60 at $I_F=1\text{mA}$, $V_{ce}=5\text{V}$ ● High Isolation voltage between input and output (Viso:5000Vrms) ● Compact dual-in-line package ● AC input 	<ul style="list-style-type: none"> ● Current transfer ratio (Veco:300V min.) CTR:MIN.600 at $I_F=1\text{mA}$, $V_{ce}=2\text{V}$ ● High Isolation voltage between input and output (Viso:5000Vrms) ● Compact dual-in-line package
Top View		