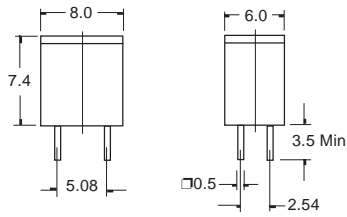
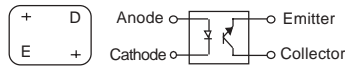


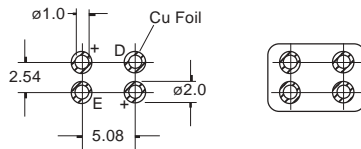
PRODUCT DATA SHEET

Tilt Switch - Opto

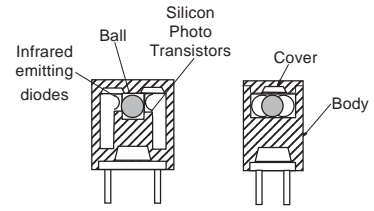
RBS 310501



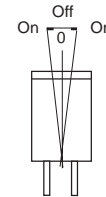
Dimensions



P.C.B. Layout



Internal Design



Operation

Drawings not to scale
All dimensions in mm nominal

SPECIFICATION

CONTACT FORM/STYLE		Operates when tilted beyond 5 deg. from horizontal in two directions
INPUT	Forward Voltage Vf max (V)	1.5
	Reverse Current Ir max (µA)	10
OUTPUT	Dark Current Iceo max (µA)	2
COUPLED	Output Current Ic typ (mA)	5
	Rise Time Tr typ (µs)	5
	Fall Time Tf typ (µs)	5
OPERATING ANGLE		Deg. 5
OPERATING TEMPERATURE		Deg. C -25 +70
STORAGE TEMPERATURE		Deg. C -40 +85
MATERIAL, BODY AND TERMINAL		Glass-Fibre Polyamide
HUMIDITY		95% RH. 40C for 96 hrs
VIBRATION		Per MIL-STD-202. Method 204B
SOLDERABILITY		350 Deg. C for 3 seconds
FEATURES		Tilt switch with Silicon Photo Transistors and Infrared Emitting Diodes. Moving switch in two direction will trigger an I.C.

Rev. No.	Revision Note	Date
A	PROVISIONAL	22-2-03



As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and details of our full design and manufacturing service. All products are supplied to our standard conditions of sale otherwise agreed in writing.

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