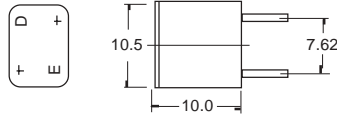
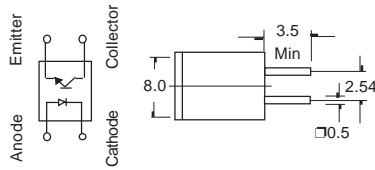


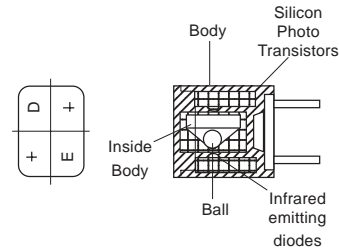
PRODUCT DATA SHEET

Tilt Switch - Opto

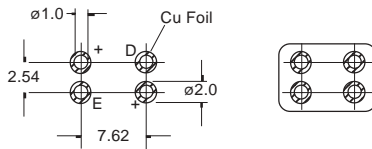
RBS 310400



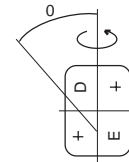
Dimensions



Internal Design



P.C.B. Layout



NOTE:
 Standard 310400 - 45°
 Special 310401 - 30°
 Special 310402 - 20°
 Special 310403 - 15°

Operation

Drawings not to scale
 All dimensions in mm nominal

SPECIFICATION

CONTACT FORM/STYLE		Operates when tilted beyond 45 deg. from vertical in any direction	
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.	45 ± 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 any 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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