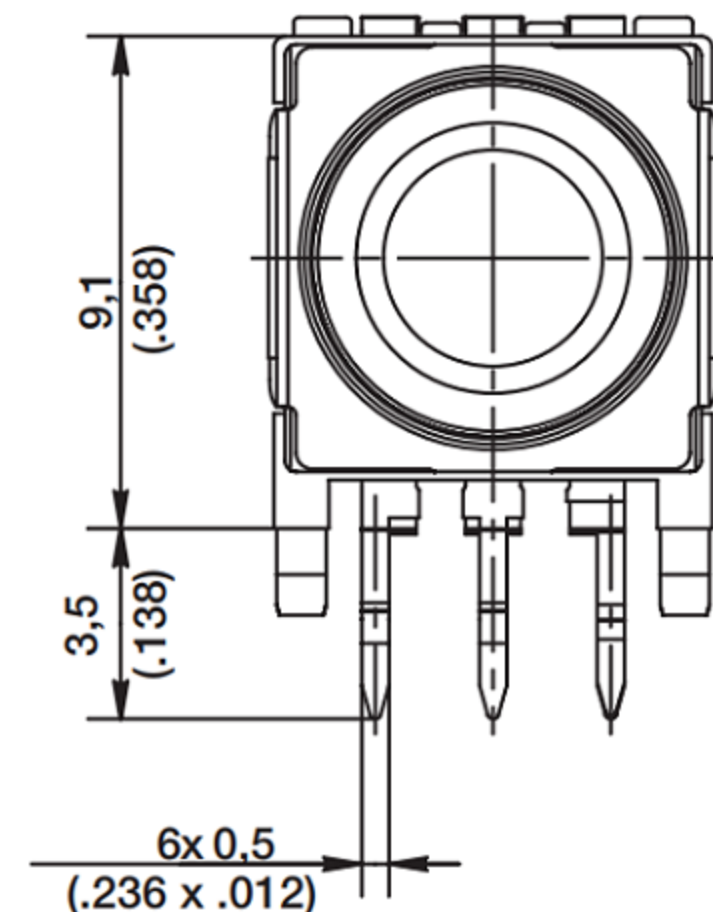
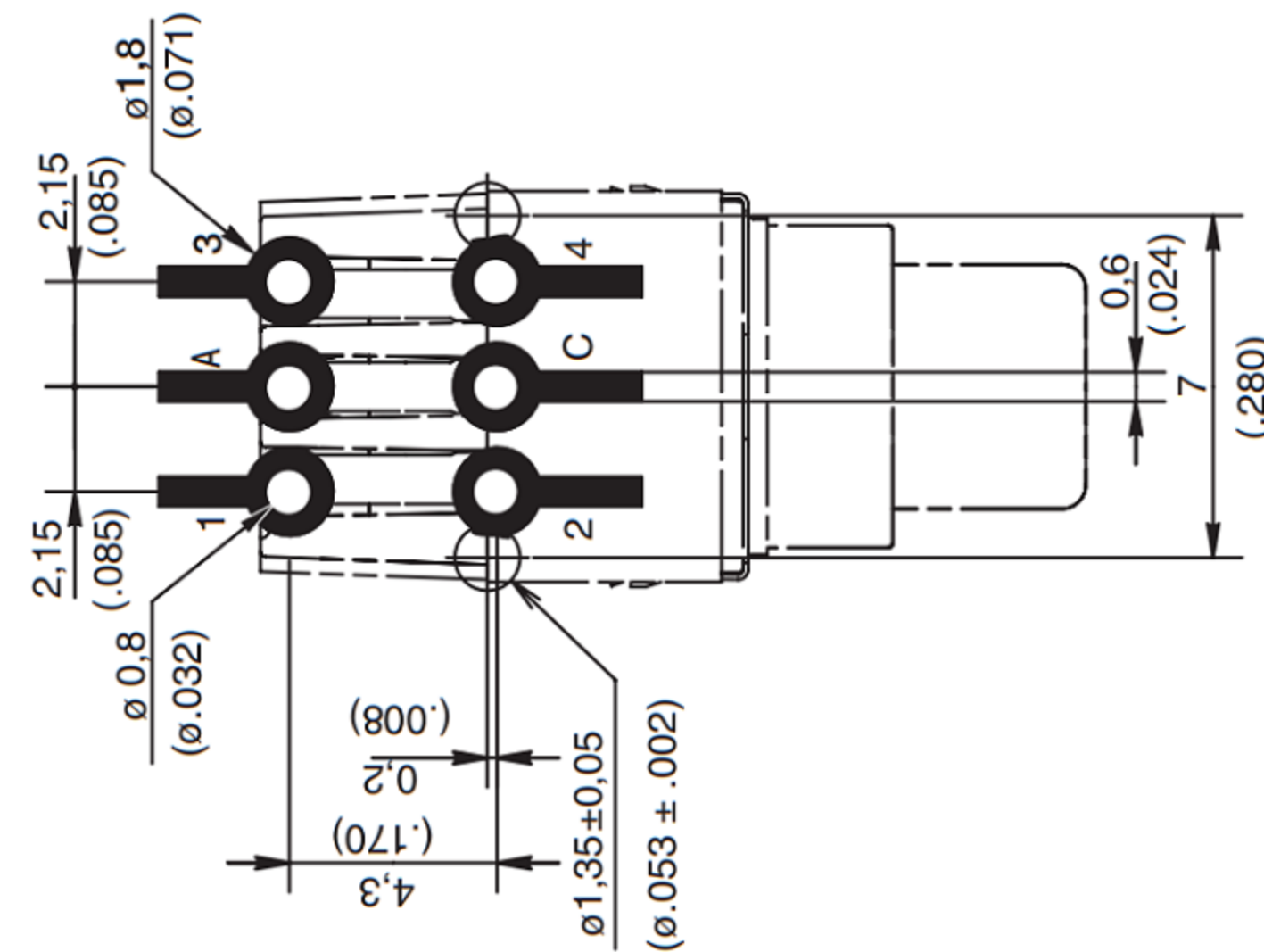
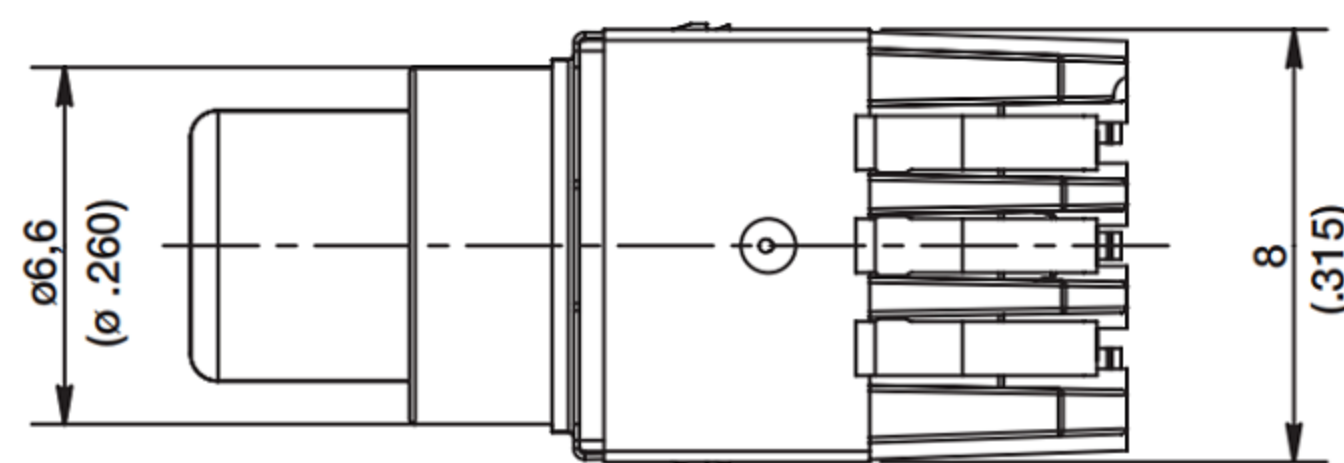
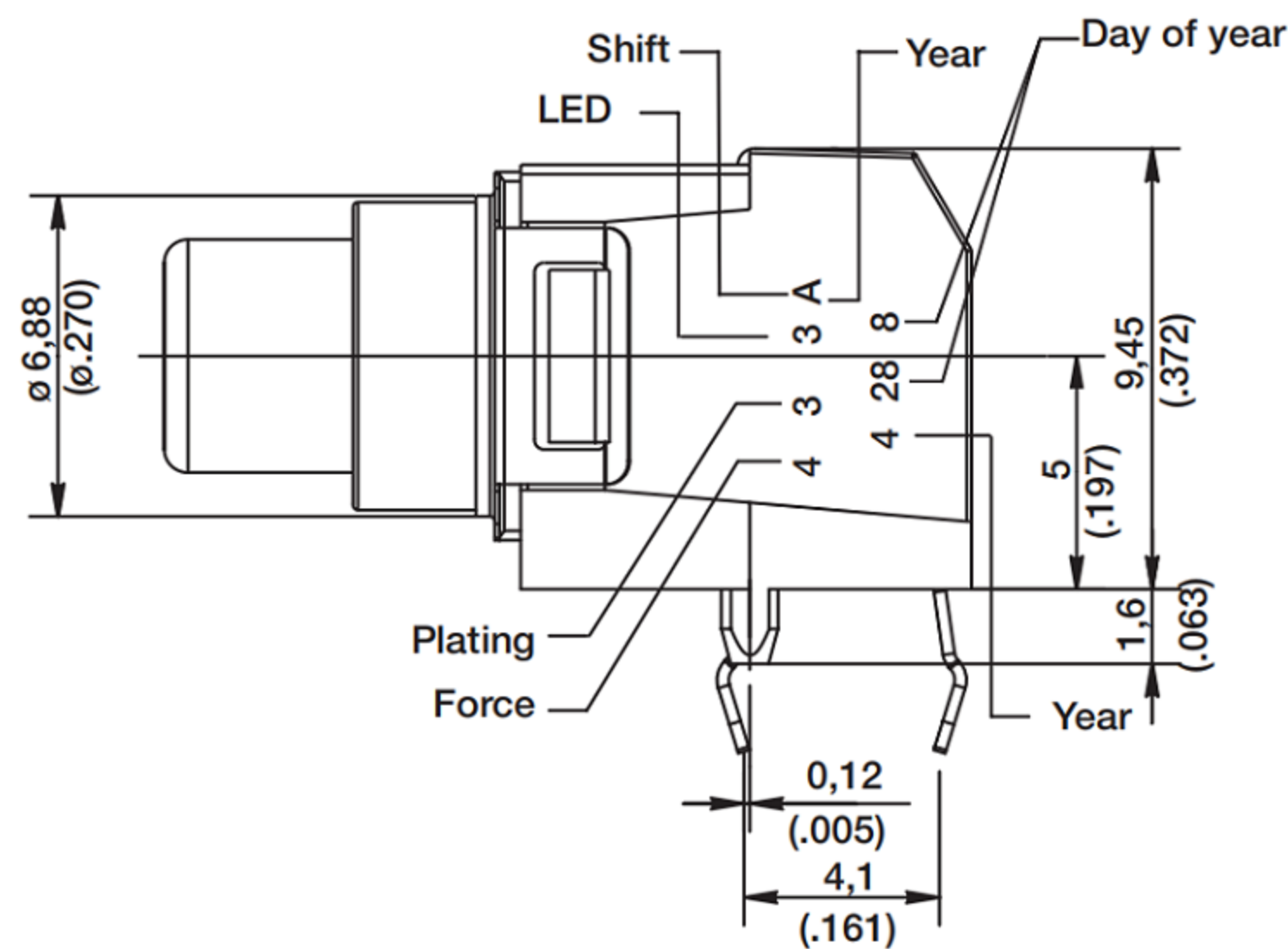
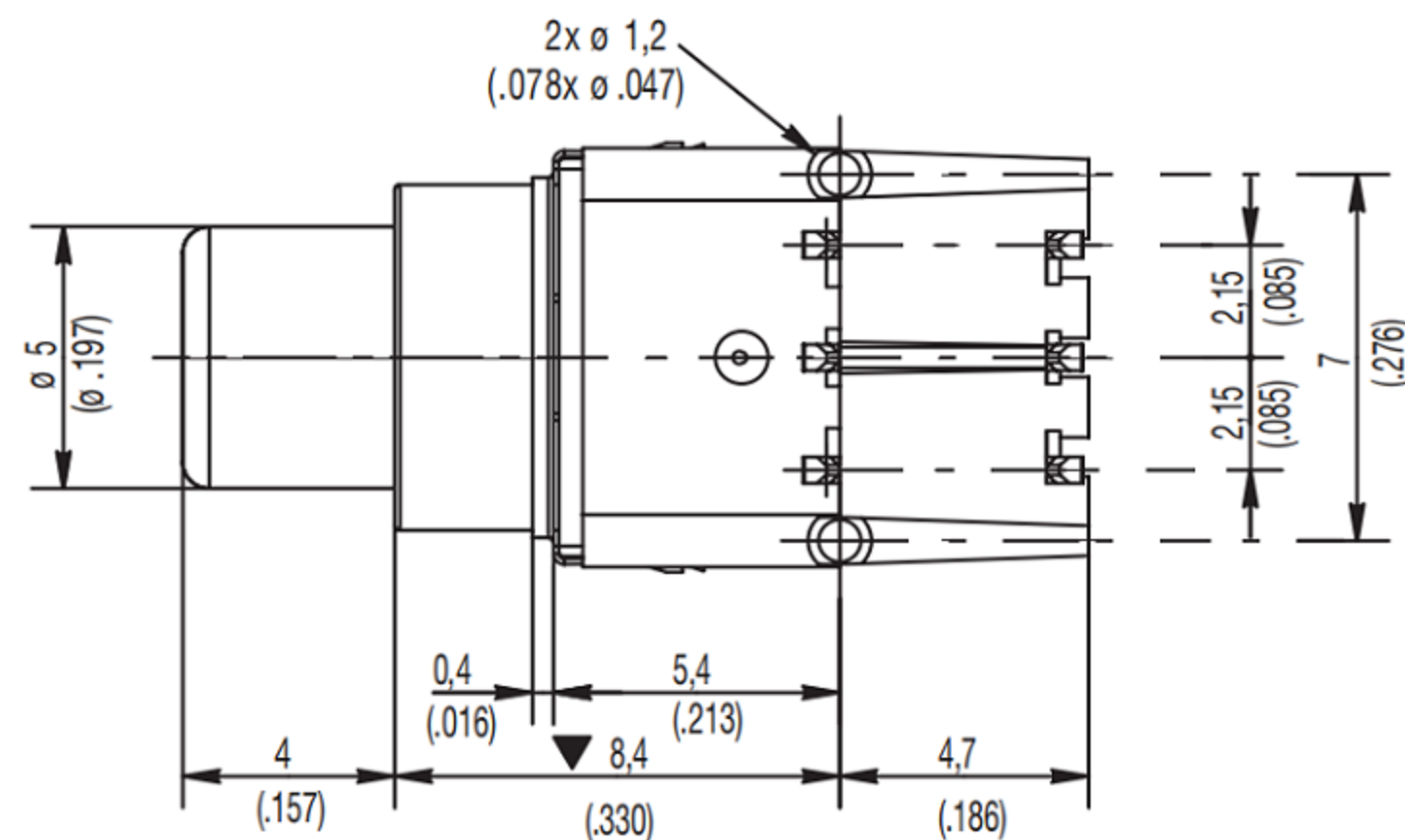
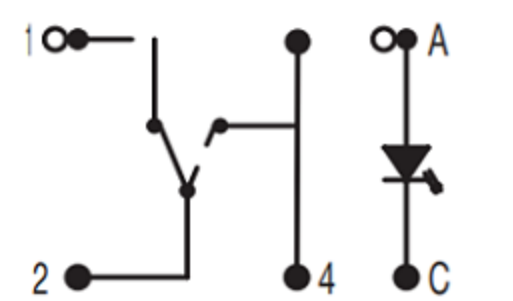


CAD FILE:

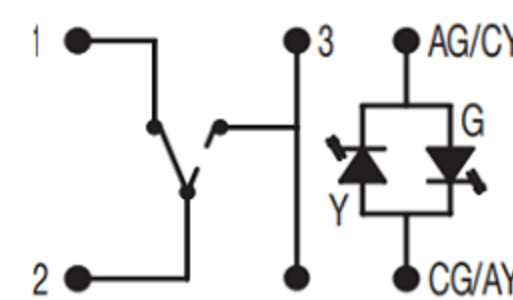
ROHS



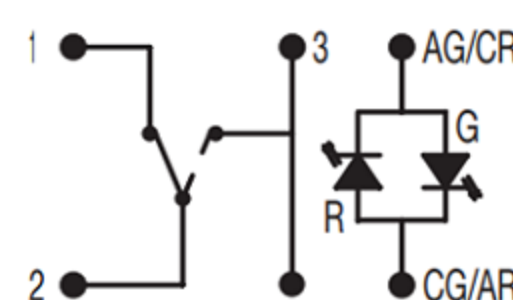
ELECTRICAL DIAGRAM



Bi-Color LED — YG

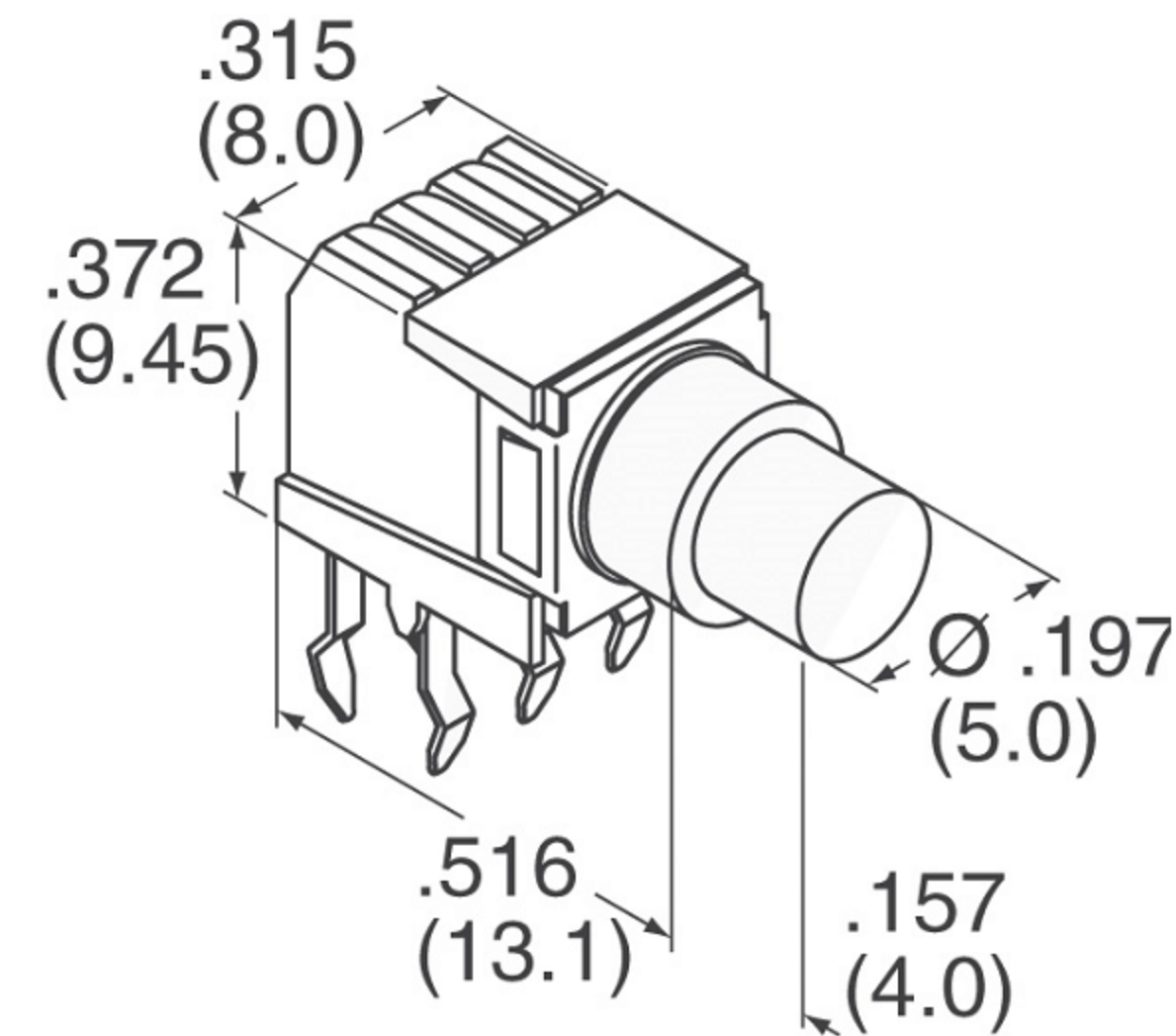


Bi-Color LED — RG



RECOMMENDED PCB LAYOUT (WITH HOLES)

TOP VIEW



Electrical

POWER MIN/MAX: 0.02VA / 1.0VA
VOLTAGE MIN/MAX: 20mVdc – 32 Vdc
CURRENT MIN/MAX: 0.1mA – 100mA
CONTACT RESISTANCE: <150m Ω
INSULATION RESISTANCE: >1G Ω initial, >10M Ω after damp heat
BOUNCE TIME: <5ms

Environmental

OPERATING TEMPERATURE: -40°C to 85°C
STORAGE TEMPERATURE: -50°C to 85°C
RELATIVE HUMIDITY: 90 to 96% according to NF EN 60068-2-30
PROTECTION: dust protection and flux tight
OVERLOAD: 40N min

Process

SMT	Soldering: Compatible with the lead free soldering profile No washing
THT	Soldering: Compatible with the lead free soldering profile No washing
PM	Soldering: Low wattage soldering iron (25-50 watts max). Solder time 3 seconds max. No washing

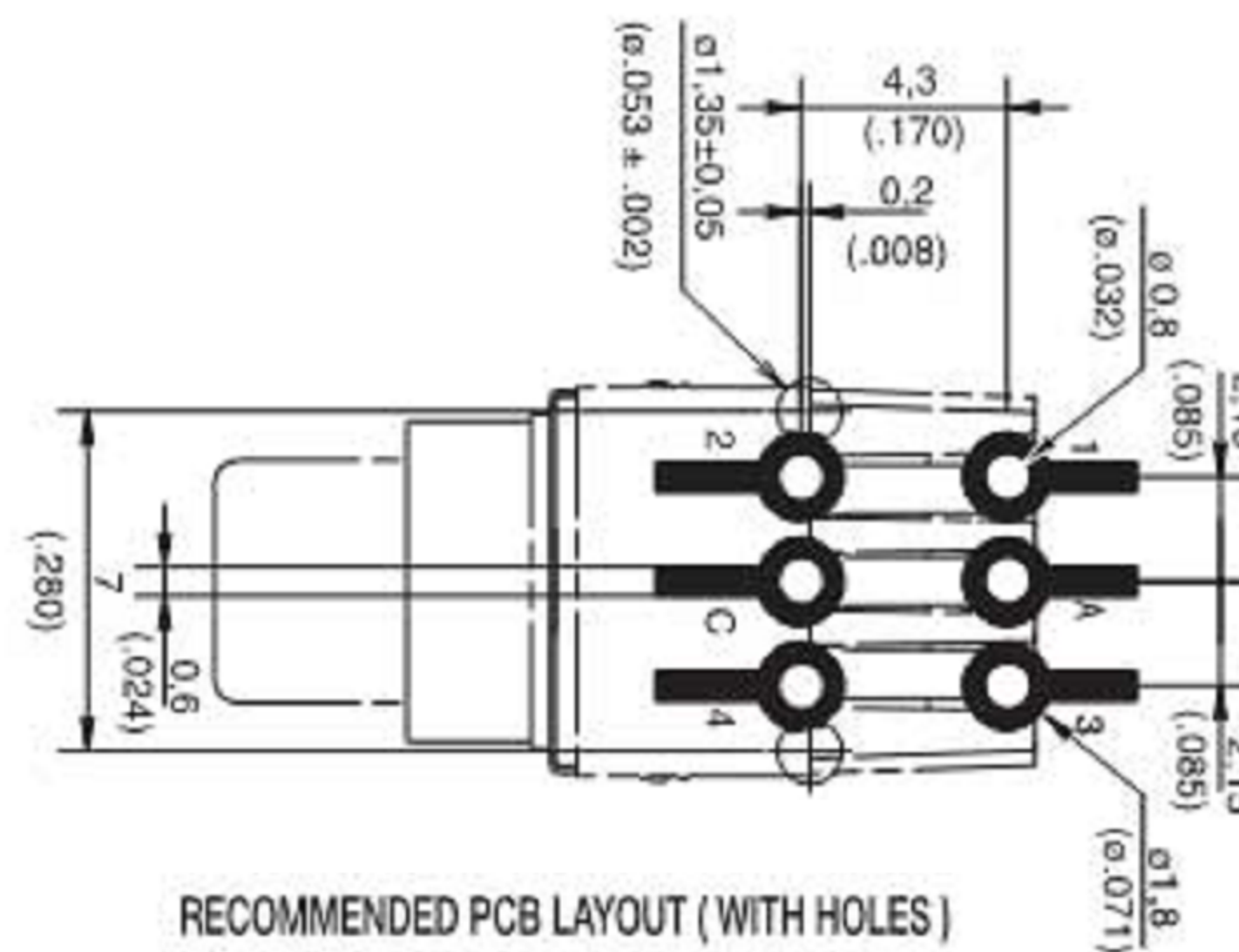
Materials

LEAD FREE
CONTACTS: Au over Ni
SOLDERING: Au over Ni
HOUSING: Thermoplastic UL94 V0

8					TOLERANCE				
7					UNLESS SPECIFIED				
6					WITHIN 1.5mm : ±0.1mm	A	2012-9-25	初 版	ZENQ. CHEN
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
4	CONTACT	SUS	1	Ag CLAD	TITLE : Button Switch With Light			UNIT : mm	DRWG NO.: XB-TS-LED-21-C
3	CASE	PPA/BRASS SRTIP	1	BLACK/Ag PLATED	MODEL: XB-TS-LED-21-C			SCALE: 5:1	DWN. JUN. YANG 2012-9-25
2	COVER	STEEL STRIP	1	Ni PLATED	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			CHK'D	DONG. PANG 2012-9-25
1	KNOB	PPA	1	BLACK				APPD.	ZENQ. CHEN 2012-9-25
NO.	PARTS	MATERIALS	Q'TY	FINISH					

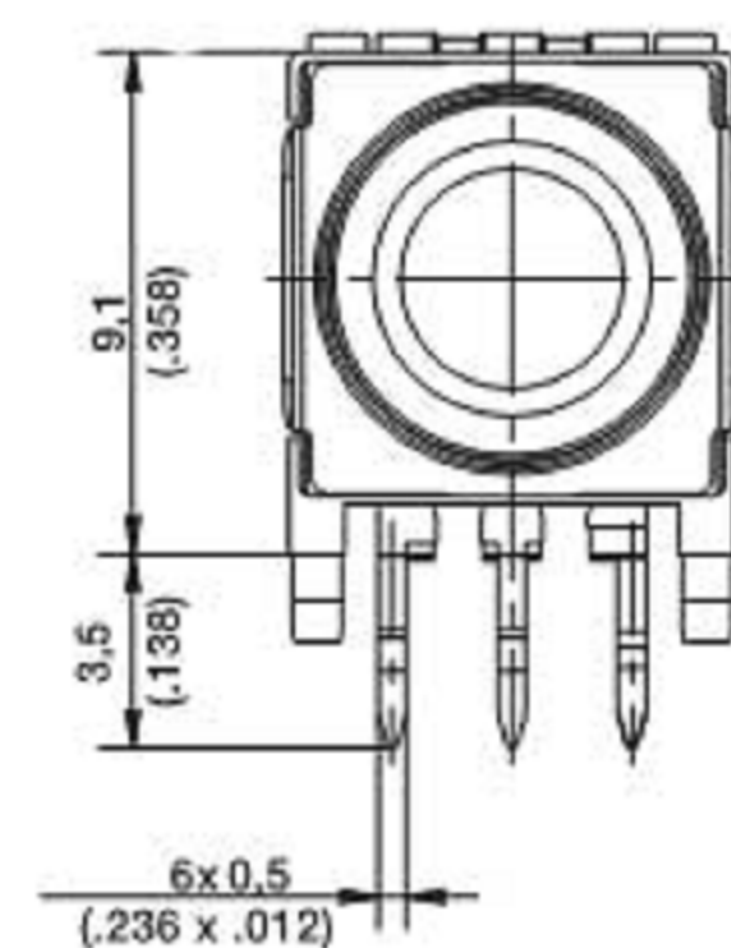


ROHS

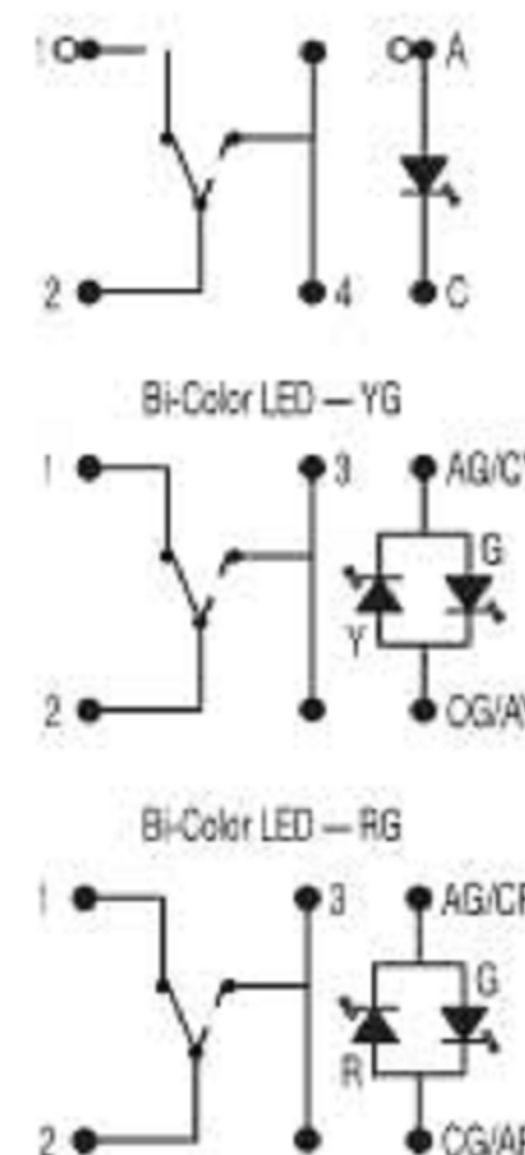


RECOMMENDED PCB LAYOUT (WITH HOLES)

TOP VIEW



ELECTRICAL DIAGRAM



产品规格:

POWER MIN/MAX: 0.02VA/ 1 .0VA

VOLTAGE MIN/MAX: 20mVdc – 32 Vdc

CURRENT MIN/MAX: 0.1mA- 100mA

CONTACT RESISTANCE: <150m Q

INSULATION RESISTANCE: >1G Ω initial, > 10M Ω after damp heat

BOUNCE TIME: $< 5\text{ms}$

OPERATING TEMPERATURE: -40°C to 85°C

RELATIVE HUMIDITY: 90 to 96% according to NF EN 60068-2-30

PROTECTION: dust protection and flux tight

OVERLOAD: 40N min

应用领域：

Typical Applications

When backlighting and switch are required to be a "2 in 1" component
The dome contact secures a superior contact reliability in time

, The ergonomics of XB-LED-TB-21 provides a long travel, a sharp tactile feel and an audible click

- Server, storage, automotive, network infrastructure, medical

8					TOLERANCE UNLESS SPECIFIED						
7											
6					WITHIN 1.5mm : ±0.1mm	A	2012-9-25	初 版		ZENQ. CHEN	
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION		APPD.	
4	CONTACT	SUS	1	Ag CLAD	TITLE :Button Switch With Light			UNIT : mm	DRWG NO.: XB-TS-LED-21-C		
3	CASE	PPA/BRASS SRTIP	1	BLACK/Ag PLATED				MODEL: XB-TS-LED-21-C			SCALE: 5:1
2	COVER	STEEL STRIP	1	Ni PLATED	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.						CHK'D
1	KNOB	PPA	1	BLACK				 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			APPD.
NO.	PARTS	MATERIALS	Q'TY	FINISH							