

D
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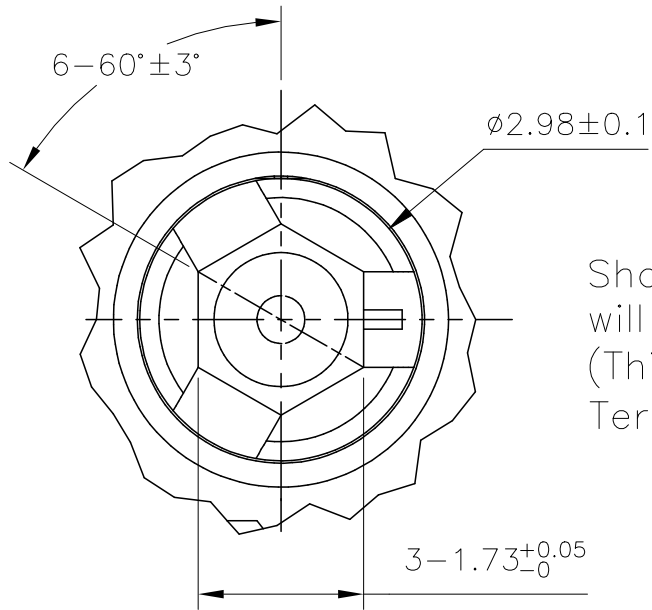
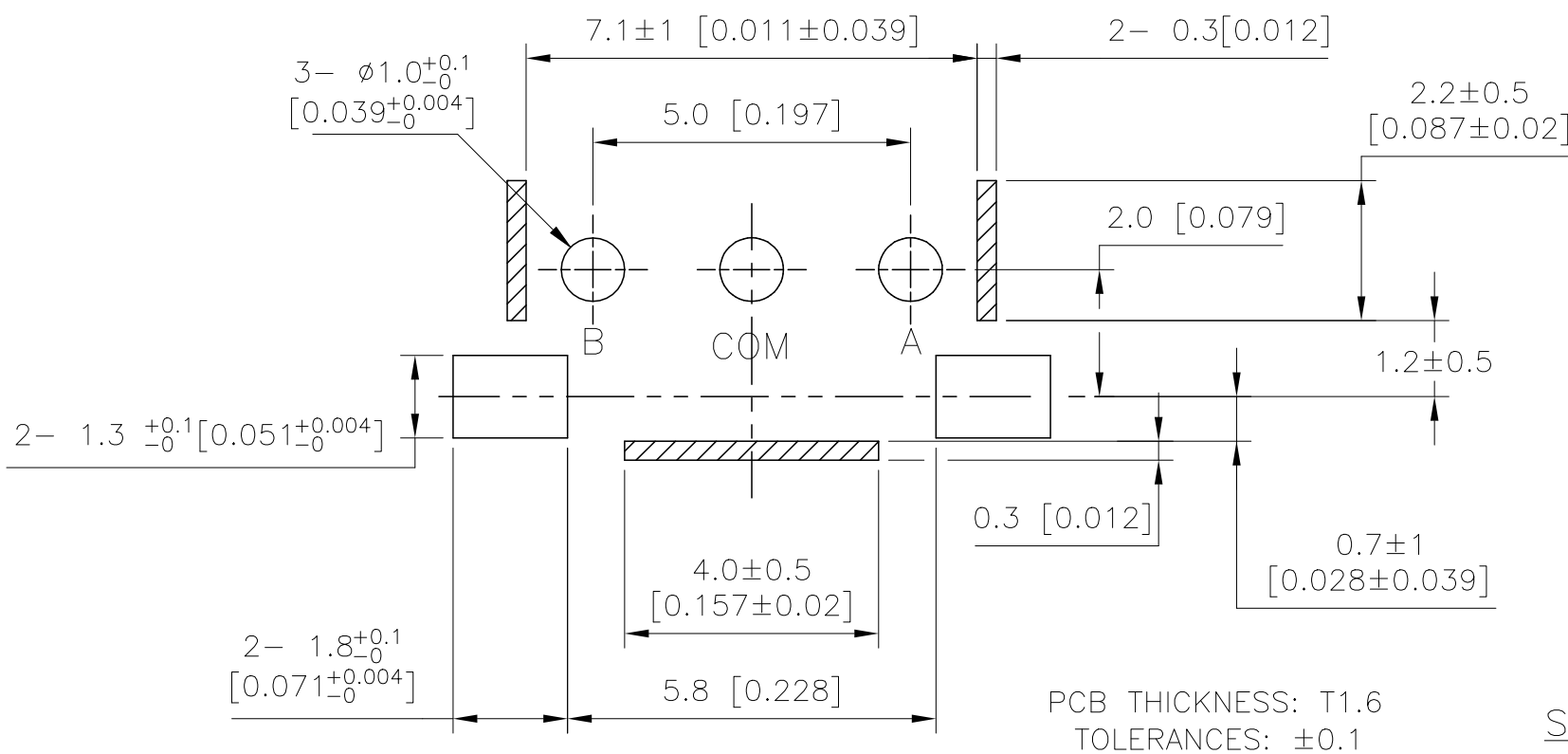
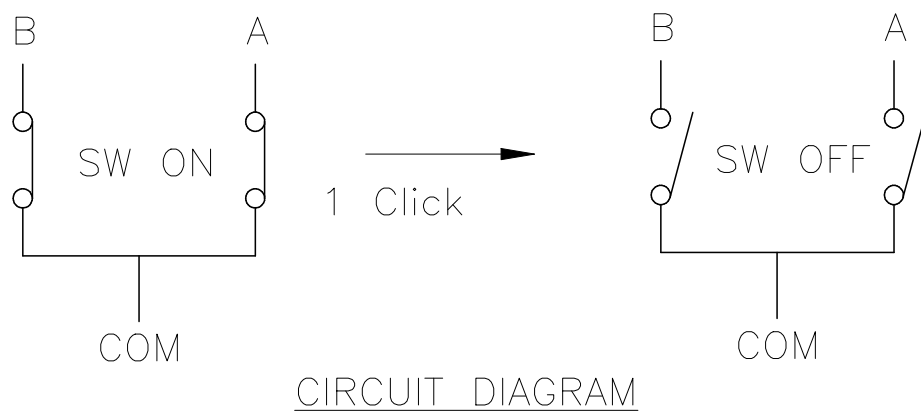
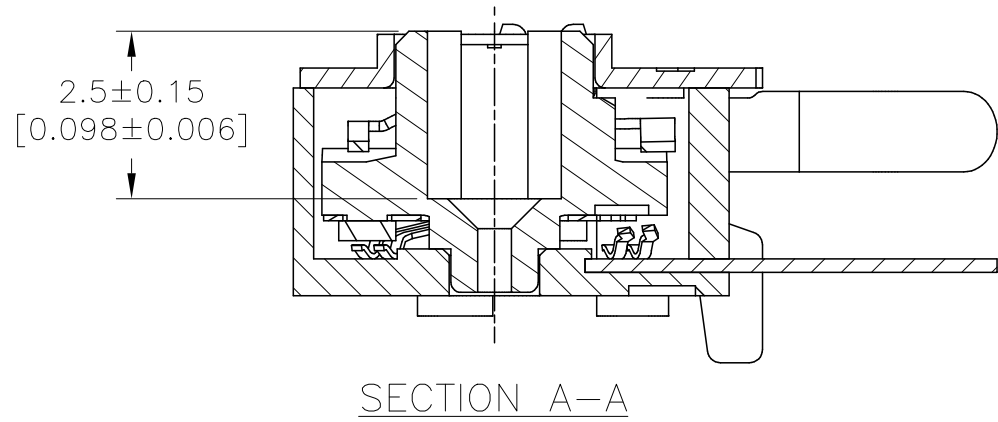
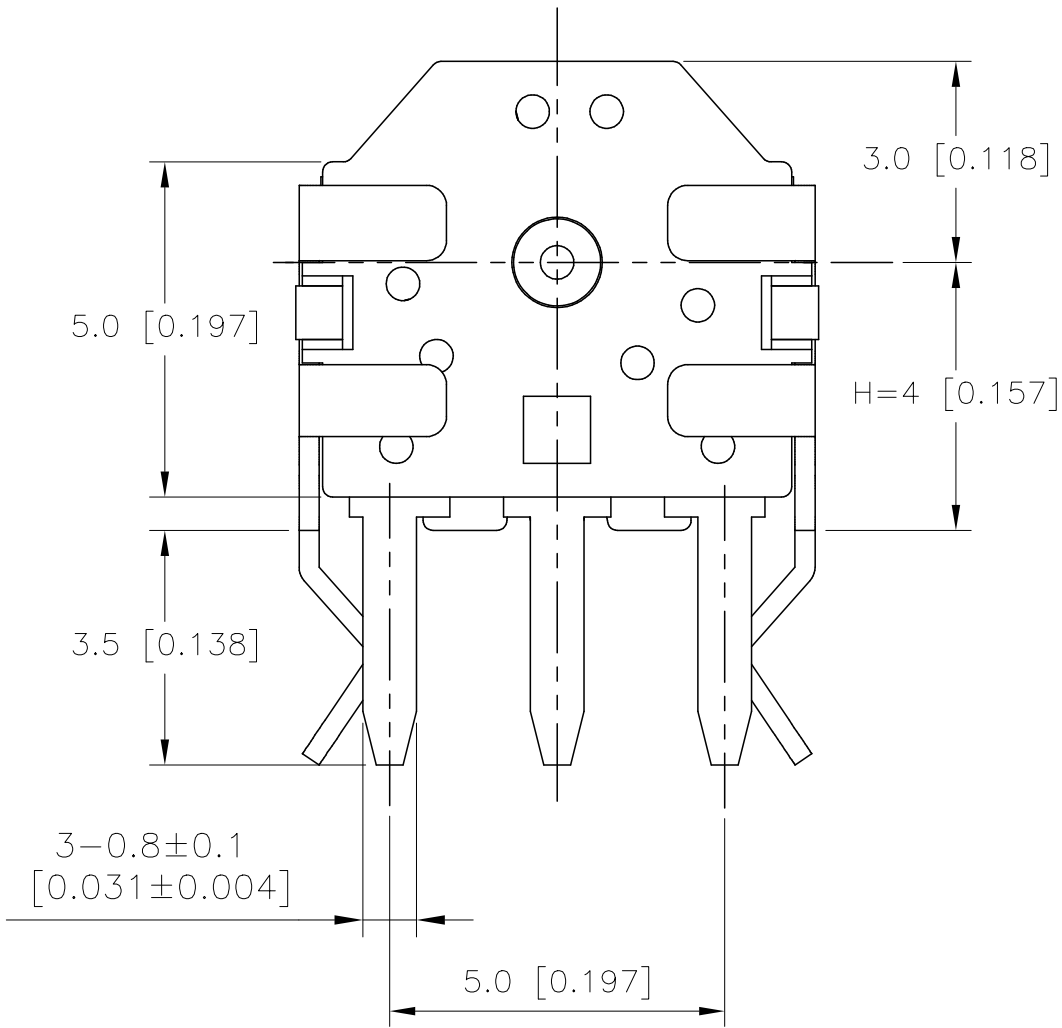
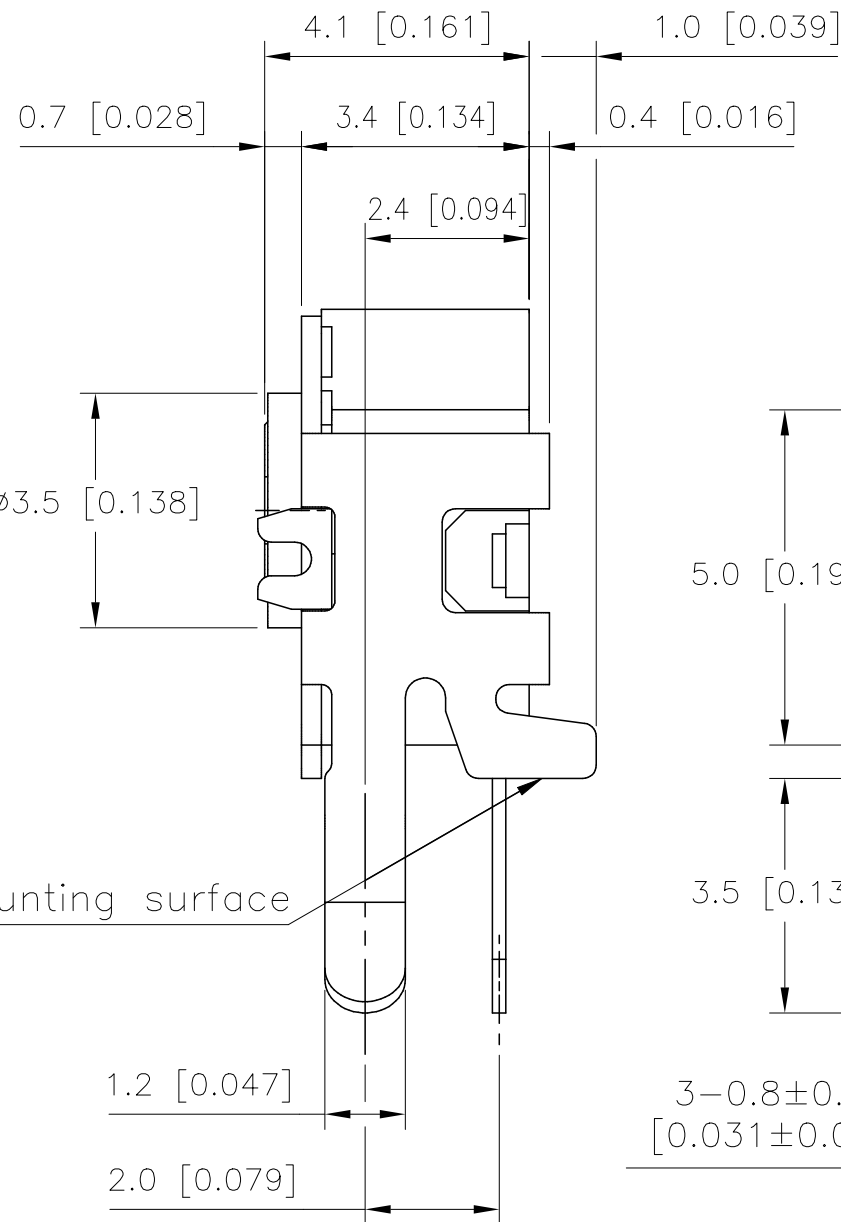
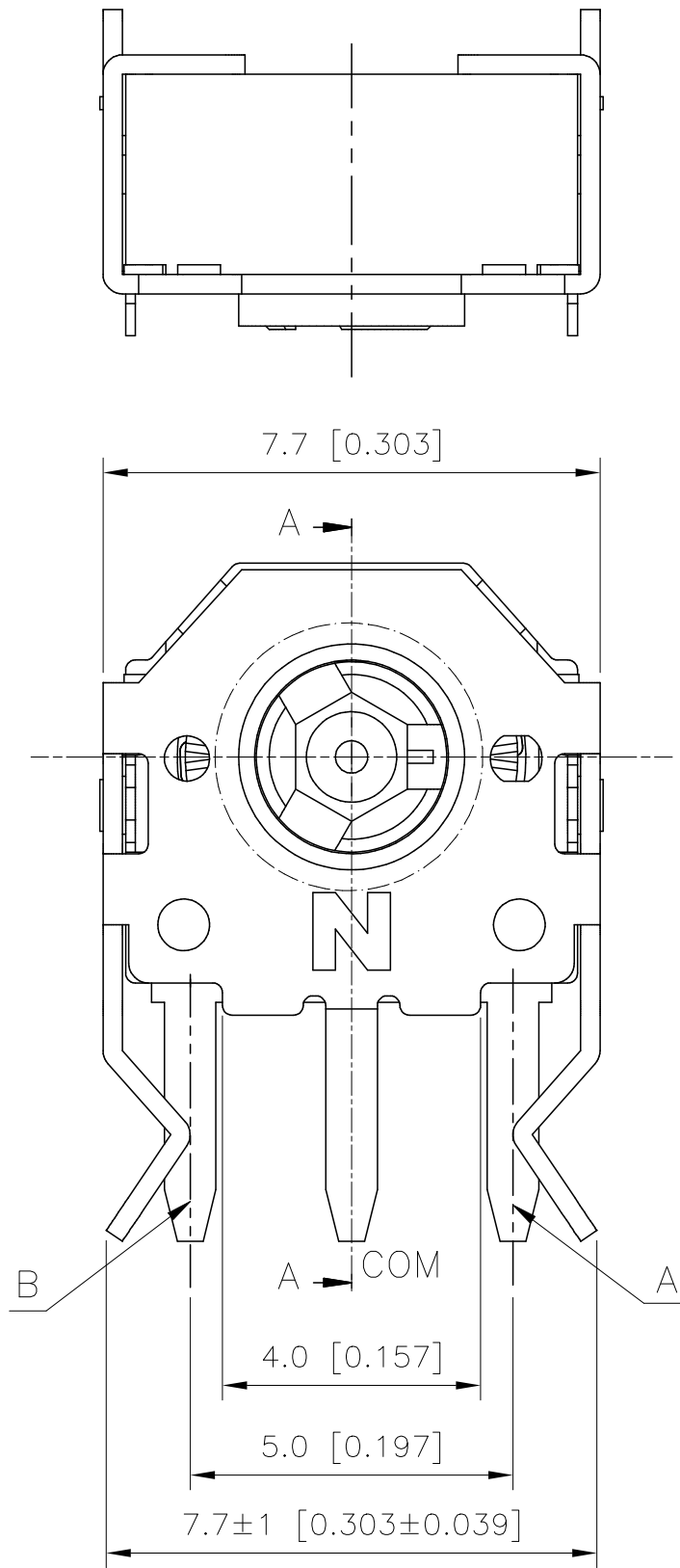
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	ECR-22-158149	05DEC2022	GSK	DMM

Drawing number	TE PN	TE descriptive PN	IP	Operating Force
2416191	2416191-1	Miniature Encoder 51gf	40	51 ±30 gf
	2416191-2	Miniature Encoder 30gf		30 ±10 gf

D



Shaft hole position
will be random
(This position A-B
Terminal On position)

SPECIFICATIONS:
CONTACT RATING: 1mA @ 10VDC
CONTACT RESISTANCE: 10Ω max.
BOUNCING: 15ms max.
INSULATION RESISTANCE: 50MΩ min.
OPERATING LIFE: 100,000 Cycle

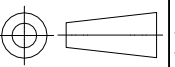
MECHANICAL
TOTAL ROTATIONAL ANGLE: 360° (Endless)
CLICK ANGLE: 15°±3°
OPERATION FORCE: SEE TABLE
OPERATING LIFE: 100,000 Cycles
SOLDERABILITY: solder bath temperature 230±5°C, Dipping time 3±0.5sec.

ENVIROMENTAL
OPERATING TEMPERATURE: -40°C-85°C
STORAGE TEMPERATURE: -40°C-85°C
STORAGE HUMIDITY: 85% Max.

NOTES:
GENERAL TOLERANCE ±0.5mm [0.019in]

PCB HOLE & SOLDER LAND DIMENSIONS

SHAFT HOLE SHAPE & DIMENSION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SATHISH KUMAR G 14JUN2022		 TE Connectivity			
		CHK DAVID MALDONADO 14JUN2022					
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD DAVID MALDONADO 14JUN2022		NAME	
		0 PLC ± -		PRODUCT SPEC		MINIATURE ENCODER	
		1 PLC ± -		—			
		2 PLC ± 0.20		APPLICATION SPEC			
		3 PLC ± -		—			
4 PLC ± -		—		SIZE		CAGE CODE	
MATERIAL		FINISH		WEIGHT		DRAWING NO	
—		—		A2 00779		C-2416191	
				CUSTOMER DRAWING		RESTRICTED TO	
						—	

2416191
B

A