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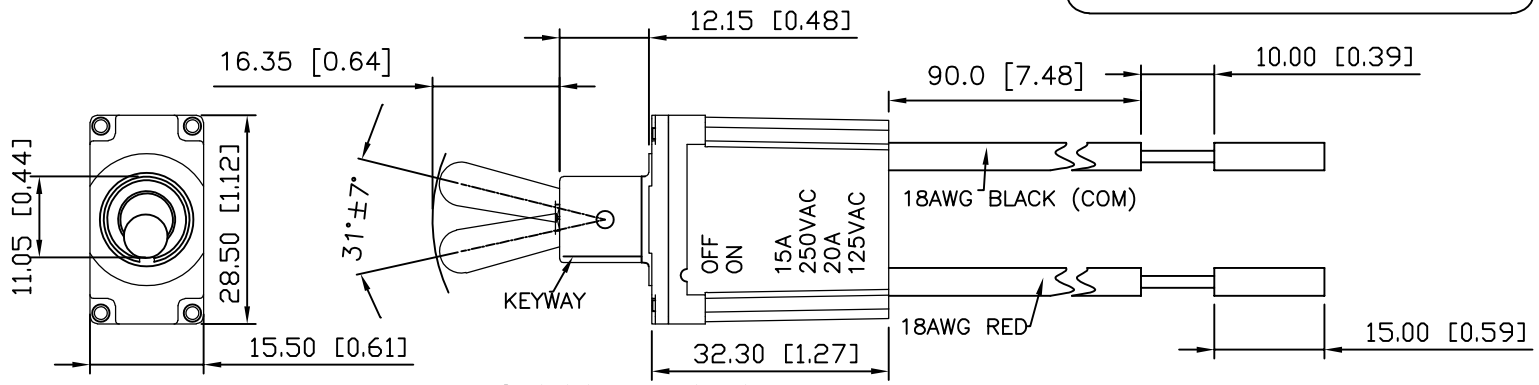
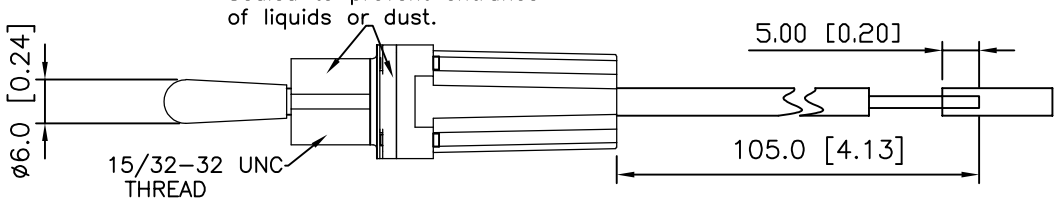
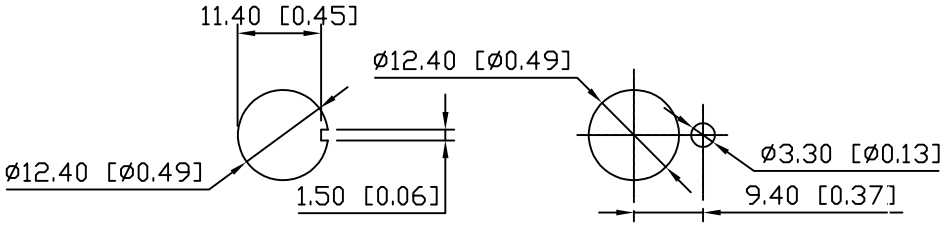




SPECIFICATIONS:
1.CONTACT RESISTANCE: 20mΩ.(Max)
2.INSULATION RESISTANCE: 100VDC-100MΩ.(Min)
3.DIELECTRIC STRENGTH: 1500VAC-1MINUTE.
4.MECHANICAL LIFE CYCLE: 100,000 CYCLES.
5.OPERATING TEMPERATURE: -40 TO +85°C.
6.FRONT SEAL: IP 68.

RATING:
1.RESISTIVE LOAD: 15A 125/250VAC, 15A 28VDC.
2.INDUCTIVE LOAD: 15A 28VDC.



P.C.B LAYOUT

Model	Switching Position			Schematic
	1 2 COM. 3	1 2 COM. 3	1 2 COM. 3	
SG1	ON	NONE	ON	(SG1,SG3,SG4,SG5)
SG2	OFF	NONE	(ON)	
SG3	ON	OFF	ON	
SG4	(ON)	OFF	(ON)	
SG5	(ON)	OFF	ON	
SG9	OFF	NA	ON	(SG2,SG9)
Term. Comm.	2-1	OPEN	2-3	

NO.	PART NAME	MATERIAL	Q'TY	FINISHING
1	ACTUATOR	COPPER ALLOY	1	Cr PLATED
2	HOUSING	NYLON (UL94V-0)	1	
3	BUSHING	ZINC ALLOY	1	
4	TERMINAL	COPPER ALLOY	3	Ag PLATED
5	CONTACT	COPPER ALLOY	1	Ag PLATED
6	O-RING	SILICONE RUBBER	1	
7	SHEEL	STAINLESS STELL	1	Ni PLATED

MING BIAO 铭标 2024.09.18 ISSUED R&D DEPT

RoHS COMPLIANT Pb Pb-Free Halogen Free

东莞市铭标电子科技有限公司
Ming Biao Electronic Technology Co. ,Ltd.

TOLERANCE				DESIGN	DATE	TITLE	Toggle Switches
UNLESS OTHERWISE STATED				wyj	2024. 09. 18		
X.X	±0.20	SIZE	A4	CHKD	DATE	MODEL	HT-SG9B1T1T32
X.XX	±0.15	REV	A				
X.XXX	±0.10	UNIT	mm	APPD	DATE	SHEET	1/2
∠	±2°	SCALE	1:1			PRINT DATE	2025.02.11