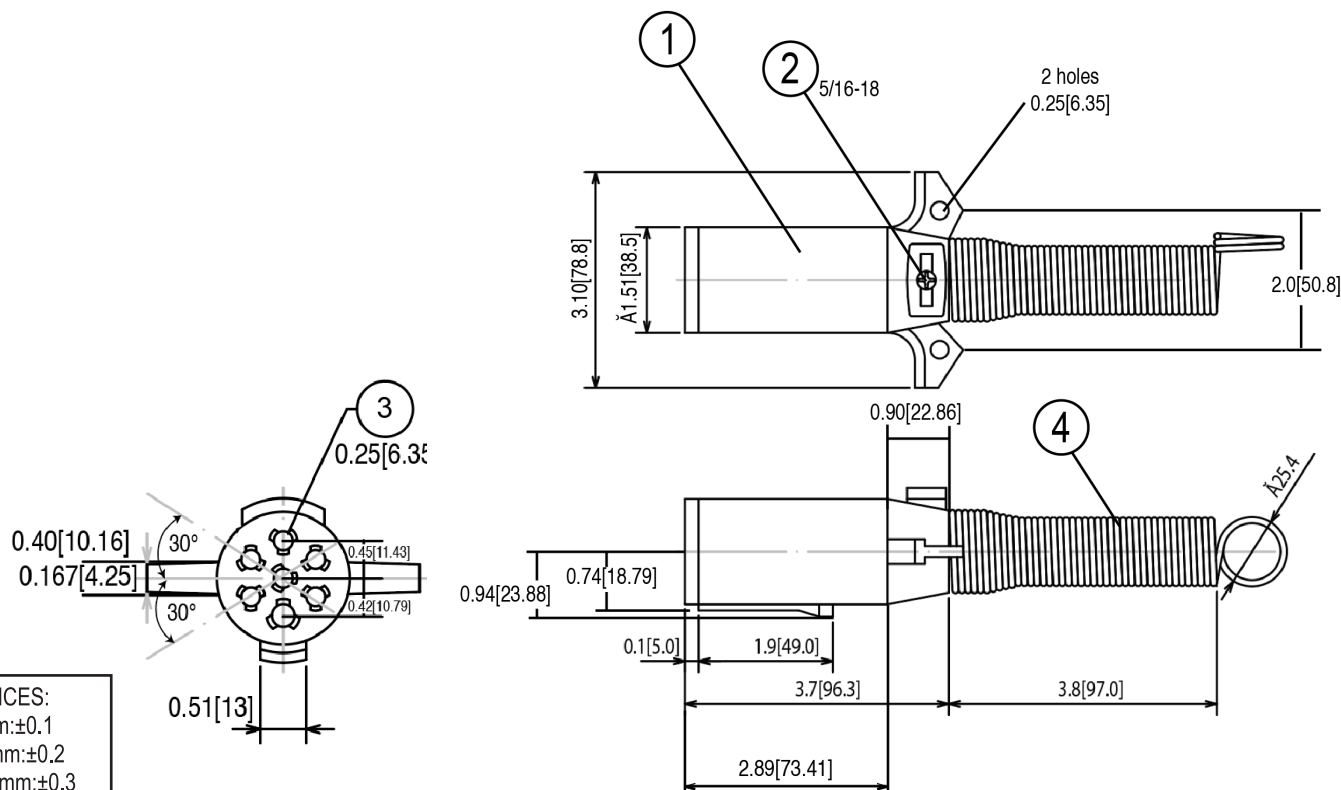


Mechanical Dimensions: Inches [mm]

Tolerances ± 0.012 [0.3] Unless Otherwise Specified

TOLERANCES:
1mm~5mm: ± 0.1
6mm~20mm: ± 0.2
21mm~50mm: ± 0.3
51mm~100mm: ± 0.5
ANGLES: $\pm 1^\circ$

Wiring Color Codes

A.T.A & S.A.E WIRING CODES RECOMMENDED STANDARD

CIRCUITS	POLE WIRING COLOR CODE	RECOMMENDED WIRE GAUGE
Ground Return	White 	8 GA (8GA~14GA range)
Clearance, Side Marker and Identification Lamps	Black 	12 GA (10GA~16GA range)
Left Turn & Hazard Signal	Yellow 	12 GA (10GA~16GA range)
Stop Lamps & Anti-Lock Devices	Red 	10 GA (10GA~16GA range)
Right Turn Signal & Hazard Signal	Green 	12 GA (10GA~16GA range)
Tail, Rear Clearance Marker, and License Plate Lamps	Brown 	12 GA (10GA~16GA range)
Auxiliary Circuit/ABS	Blue 	10 GA (10GA~16GA range)

Material Specifications

DESIGNED TO MEET SAE & ATA STANDARDS FOR INTERCHANGEABILITY

ITEM #	NAME	MATERIAL
1	Plug Shell	Nylon with Fiberglass
2	Cable Lock Key	Iron
3	Terminals	Brass
4	Cable Gaurd	Steel
Voltage Rating		6-28VDC
Amperage Rating		40A Max Each Terminal (For wires smaller than 10AWG, this rating must be adjusted to fit the wire size.)
Operation Temperature		-20°C ~ +210°C

Rev	Date of issue	Revision Notes	Designed	Approved
B	11-26-2024	Initial Drawing	RC	OF