

**CHARACTERISTICS:**

BASIC SWITCH CONSTRUCTION IN ACCORDANCE WITH MIL-PRF-8805

ELECTRICAL RATINGS		
LOAD	SEA LEVEL	50,000 FT
	LOW LEVEL 30 mV DC	LOW LEVEL 30 mV DC
RESISTIVE	10 mA	10 mA
INDUCTIVE	---	---
DWV	1500 VRMS	400 VRMS

**ELECTRICAL CHARACTERISTICS:**

ELECTRICAL LIFE: 50,000 CYCLES  
DO NOT EXCEED 10 MILLIAMPS AT 60 MILLIVOLTS  
MAX D.C. OR PEAK A.C. DURING TESTING

**MECHANICAL CHARACTERISTICS:**

MECHANICAL LIFE: 100,000 CYCLES

**ACTION:**  
DOUBLE POLE, DOUBLE THROW, CENTER-OFF, THREE POSITION SWITCH, MOMENTARY CONTACT, POSITIVE ACTION TOGGLE

POLES MAY BE OPERATED INDEPENDENTLY

**PHYSICAL:**

TEMPERATURE RANGE: -55°C TO +85°C

**MATERIALS:**

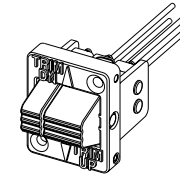
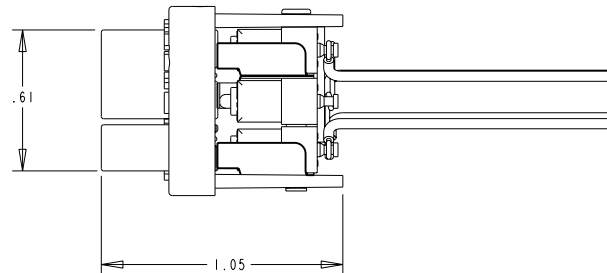
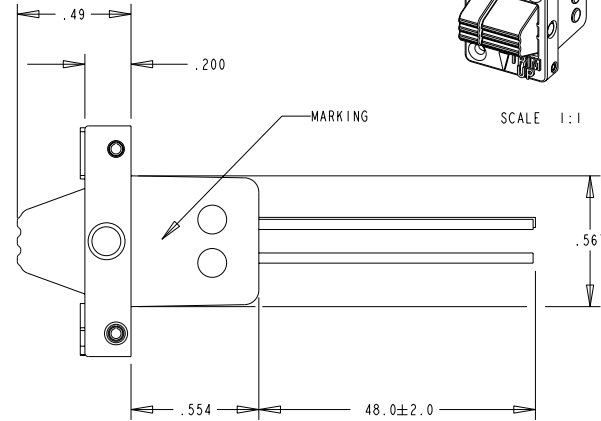
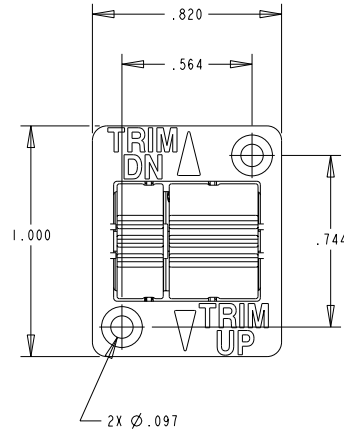
BEZEL: ALUMINUM, BLACK CHROMIUM  
BUTTONS: ALUMINUM, BLACK CHROMIUM  
CONTACTS: SILVER, GOLD PLATED

**MARKING:**

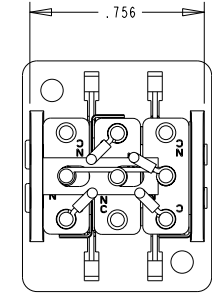
OTTO 21649  
U2-451  
DATE CODE (YYWW)

**NOTES:**

- CHANGE OF MATERIAL IS NOT PERMITTED UNLESS APPROVED IN WRITING BY OTTO ENGINEERING PERSONNEL.
- DRAWING TO BE INTERPRETED IN ACCORDANCE WITH THE CURRENT REVISION OF ASME Y14.5M.
- THIS PART/PRODUCT IS TO BE MANUFACTURED WITH THE APPLICABLE REGULATIONS OF EC DIRECTIVES 2002/95/EC AND 2002/96/EC, RESTRICTION OF THE USE OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) AND WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE).
- LEAD WIRES, 24 AWG, PER MIL-W-16874/4.

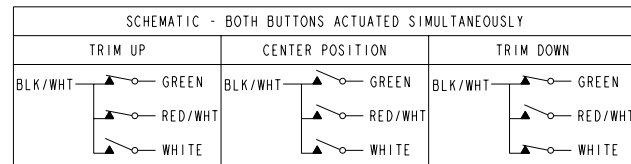


SCALE 1:1



U2-451

REV	OCN #	DATE	APR
A	042514	07 MAY 08	KKK



MANUFACTURING  
SPC

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES.  
TOLERANCES:  
.XX ±.03  
.XXX ±.010  
ANGLES ±2°  
DO NOT SCALE



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DESCRIPTION				
U2, TRIM SWITCH				
DRWN. BDS	SIZE	FSCM NO	DRAWING NO.	REV.
CHKD. RWB	B	21649	U2-451	A
APPD. AH	THIRD ANGLE PROJECTION		Scale 2:1	Sheet 1 OF 1
WT.				