

CHARACTERISTICS

ELECTRICAL

ELECTRICAL RATINGS

TOGGLE MODE	115 VAC 60 HZ.	28 VDC
RESISTIVE	2 AMPS	2 AMPS
INDUCTIVE	2 AMPS	2 AMPS
PUSHBUTTON		
RESISTIVE	2 AMPS	2 AMPS
INDUCTIVE	2 AMPS	2 AMPS
DIELECTRIC WITHSTANDING VOLTAGE	1050 VRMS	

ELECTRICAL LIFE: 50,000 CYCLES AT FULL LOAD
TOGGLE AND PUSHBUTTON MODES
INSULATION RESISTANCE: 100 MEGOHMS MIN.
AT 500±10 VDC FOR TWO MINUTES
CONTACT BOUNCE NOT TO EXCEED SIX MILLISEC

MECHANICAL

TOGGLE MODES MOMENTARY

(PUSHBUTTON MODE IS LOCKED OUT)

OPERATE FORCE: 5 LBS. MAX., 1.75 LBS. MIN.

RELEASE FORCE: .5 LB. MIN.

PRETRAVEL: 5° MIN.

OVERTRAVEL: 2° MIN.

PUSHBUTTON MODE MOMENTARY

(TOGGLE MODES ARE LOCKED OUT)

OPERATE FORCE: 4±1 LBS.

RELEASE FORCE: .5 LB. MIN.

TOTAL TRAVEL: .175 MAX.

OVERTRAVEL: .020 MIN.

MECHANICAL LIFE: 50,000 CYCLES
TOGGLE AND PUSHBUTTON MODES

PHYSICAL

BUTTON: BLACK FIBERITE

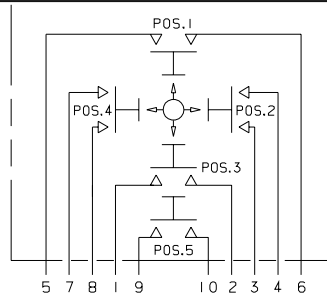
CASE: BLACK ANODIZED

ALUMINUM ALLOY

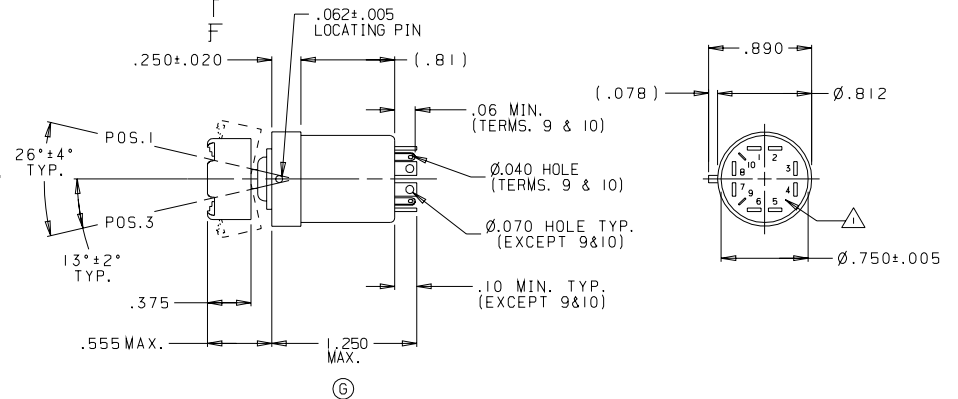
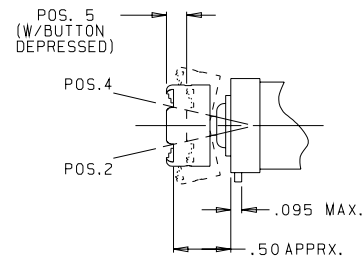
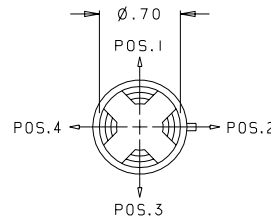
SEAL: DESIGN 2 PER MIL-S-8805 (DUSTTIGHT)

TEMPERATURE RANGE: -55°C. TO +85°C. (CONTINUOUS)

MARK: OTTO 21649,
T5-0006, DCBA5192011-003,
TERM. IDENT. & PIN LOCATION,
AND DATE CODE.



SCHEMATIC



NOTE:

△ TERMINAL NUMBERS DO NOT APPEAR
ON SWITCH BOTTOM. (SHOWN FOR REF. ONLY)

2) SWITCH SHALL MEET THE REQUIREMENTS OF
I.A.I. SPEC. CONTROL DRWG. DCBA5192011-003

3) SWITCH TO BE SHIPPED PER OTTO CONTROLS
PRODUCT DRAWING T5-0006

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

THIRD ANGLE
PROJECTION

OTTO CONTROLS
DIVISION OF
OTTO ENGINEERING INC.
CARPENTERSVILLE, ILLINOIS USA

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BASIS AND IS NOT TO BE USED IN ANY
WAY DETRIMENTAL TO THE INTERESTS
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PART NAME
SWITCH, COMBO
(5 POS. TOGGLE/PSH. BTN.)

DRWN. MM	SIZE	FSCM NO	DRAWING NO.	REV.
CHKD. DB	B	21649	T5-0006	G
APPD. DAB				
DATE 30 MAR 88	WT. 1.25 OZ. MAX.	SCALE 1:1	SHEET 1 OF 1	