

NOTES: (H)

1. DRAWING TO BE INTERPRETED IN ACCORDANCE WITH THE CURRENT REVISION OF ASME Y14.5M.
2. 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).

CHARACTERISTICS: PER MIL-S-8805/3

ELECTRICAL:

ELECTRICAL RATINGS: SEA LEVEL			50,000 FT.
LOAD	28 VDC	115 VAC	28 VDC
RESISTIVE	10 AMPS	10 AMPS	-----
INDUCTIVE	5 AMPS	5 AMPS	5 AMPS
LAMP	3 AMPS	3 AMPS	-----

CENTRAL TERMINAL - 3 AMPERES

ELECTRICAL LIFE: 100,000 CYCLES AT FULL LOAD.

MECHANICAL:

TOTAL TRAVEL: .085±.015

OVERTRAVEL: .012 MIN. ■

RESET TRAVEL: .012 MIN. ■

MOVEMENT DIFFERENTIAL: .015 MIN.

OPERATING FORCE: 2.5 ^{+0.5}_{-1.0} LBS.

RESET FORCE: 0.75 LB. MIN.

MECHANICAL LIFE: 1,000,000 CYCLES

PHYSICAL: (H)

BUTTON: THERMOPLASTIC, (SEE CHART)

CASE: CLEAR ANODIZED ALUMINUM ALLOY

ENCLOSURE DESIGN:

NO SUFFIX MARK = DUSTTIGHT/PROTECTED AGAINST
SPLASHING WATER PER IP64

"W" SUFFIX MARK = WATERTIGHT, PER IP68S
1 METER

TEMPERATURE RANGE: -55°C TO +85°C

MARKING:

OTTO, 21649,
P3-61_1_ (ADD "W" SUFFIX ON WATERTIGHT SWITCHES)
DATE CODE (YYWW)
& TERM IDENT
ON CIRCUITS 5 & 6

MOUNTING HARDWARE:

MS250828-11 NUT, AND LOCKWASHER.

(PANEL SEAL ON WATERTIGHT SWITCHES)

P3-61_1

CIRCUIT

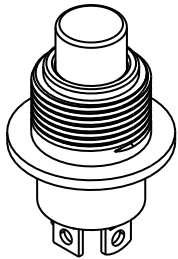
1. N.O.
2. N.C.
3. N.C. (3) TERM
4. N.O. (3) TERM
5. (5) TERM
6. 2 CIRCUIT

BUTTON COLOR

1. RED
2. BLACK
3. ORANGE
4. YELLOW
5. GREEN
6. BLUE
7. VIOLET
8. GREY
9. WHITE

ENCLOSURE DESIGN

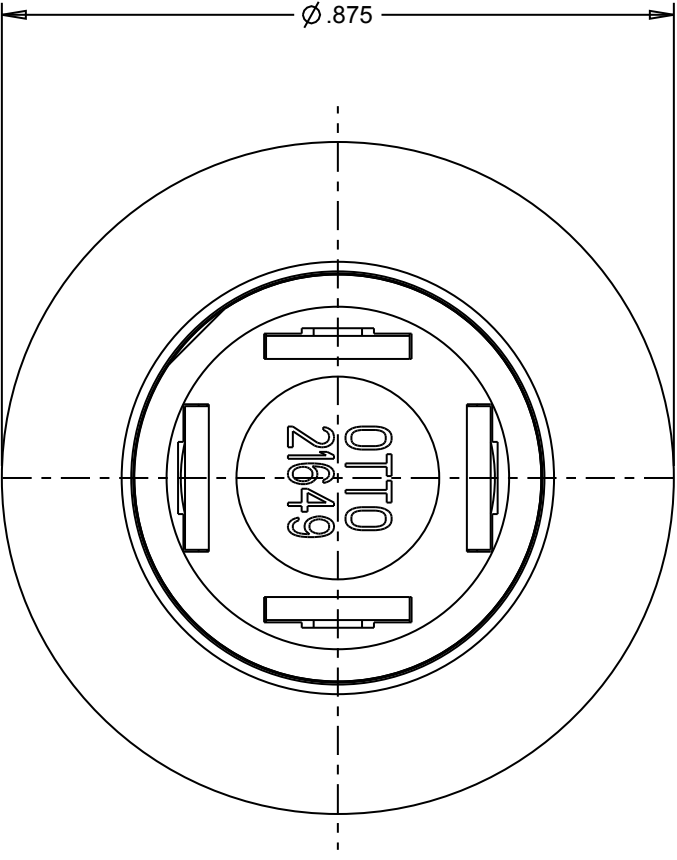
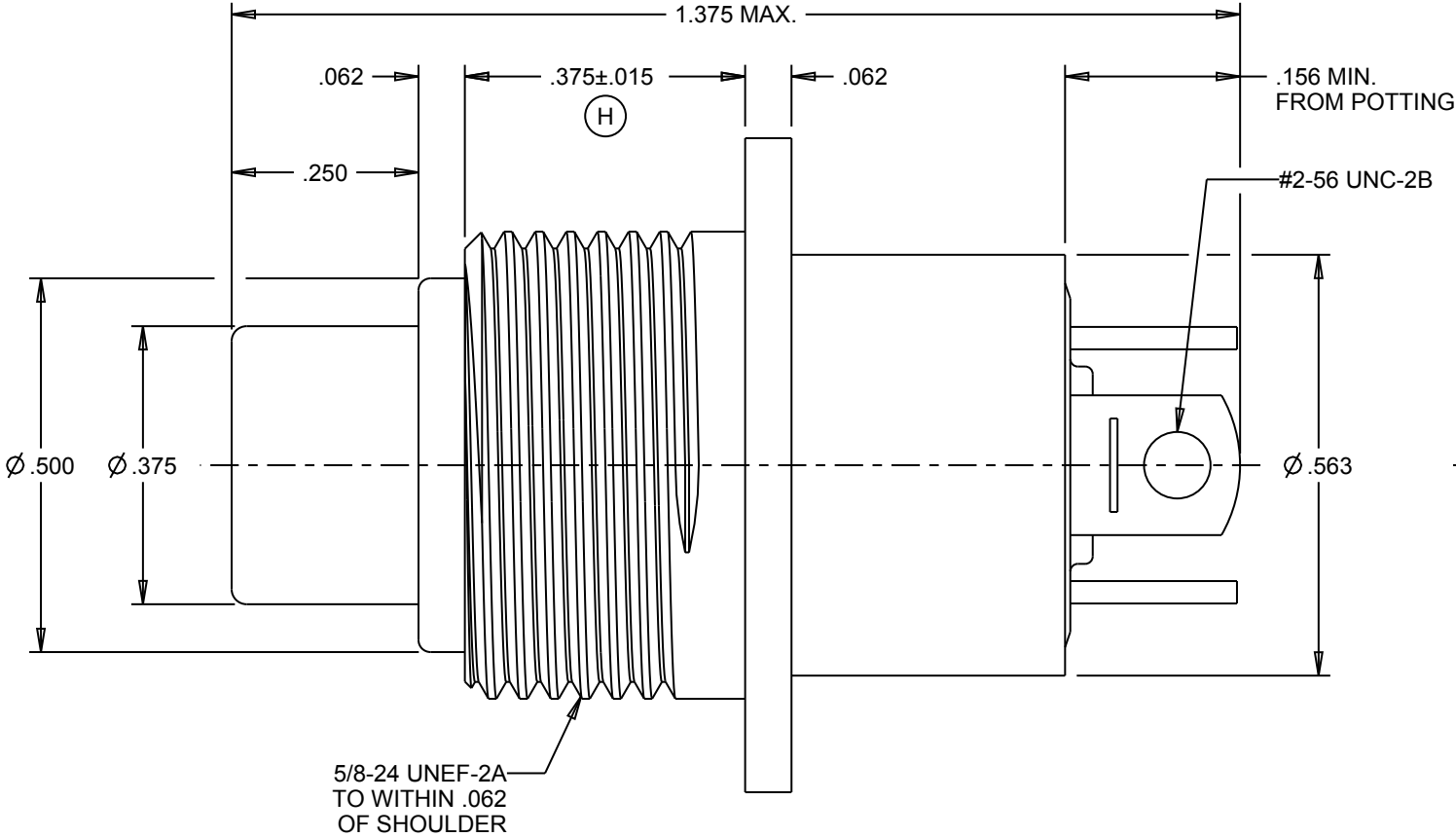
NO SUFFIX MARK = DUSTTIGHT
SUFFIX MARK "W" = WATERTIGHT



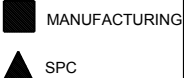
(H) SCALE 1:1

P3-61_1_

REV	OCN #	DATE	APR
D	974912	17 DEC 97	RG
E	000825	22 MAY 99	GP
F	007646	15 FEB 01	REO
G	010935	12 DEC 01	REO
H	050797	22 SEP 09	REO



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



OTTO
CARPENTERSVILLE, ILLINOIS USA

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DESCRIPTION

P3, PUSHBUTTON SWITCH, (H)

CASE STYLE "F"

DRWN. RDN	SIZE	FSCM NO	DRAWING NO.	REV.
CHKD. REO	B	21649	P3-61_1_	H
APPD. SPM				
WT.	THIRD ANGLE PROJECTION	Scale 4:1	Sheet 1	OF 1