

NOTES:

(G)

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-PRF-8805 (G)

ELECTRICAL:

RATINGS: SEA LEVEL	
LOAD	28VDC
RESISTIVE	7 AMPS
INDUCTIVE	3 AMPS

DIELECTRIC STRENGTH:

TERMINAL TO CASE: 1000 VRMS
 TERMINAL TO TERMINAL: 800 VRMS
 INSULATION RESISTANCE AT 500 VDC: 100 MEGOHMS

MECHANICAL:

OPERATE FORCE: 1.25 - 3.0 LBS.
 OVERTRAVEL: .040 MIN.
 MECHANICAL LIFE: 50,000 CYCLES MIN.
 LIFE AT RATED LOAD: 25,000 CYCLES MIN.
 TOTAL PLUNGER TRAVEL: .098 MAX./ .045 MIN.
 ENCLOSURE DESIGN: 3 (WATERPROOF), PER MIL-PRF-8805

PHYSICAL:

TEMPERATURE RANGE: -65°F TO +203°F
 SHOCK RESISTANCE: 200 G PER MIL-STD-202 METHOD 213 HALF-SINE.
 VIBRATION RESISTANCE: 20G, 10-2000 HZ PER MIL-STD-202 METHOD 204C, CONDITION D.

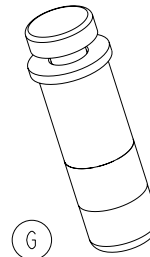
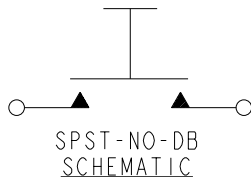
CONTACT RESISTANCE .11 OHM MAX. AT 1 AMP TEST CURRENT (INCLUDING WIRE).

STRENGTH OF BUTTON: 50 LBS. PULL ALONG SWITCH AXIS, 75 LBS. AT 90° TO SWITCH AXIS.

MARKING:

OTTO 21649
 P7-900007
 DATE CODE

(G)

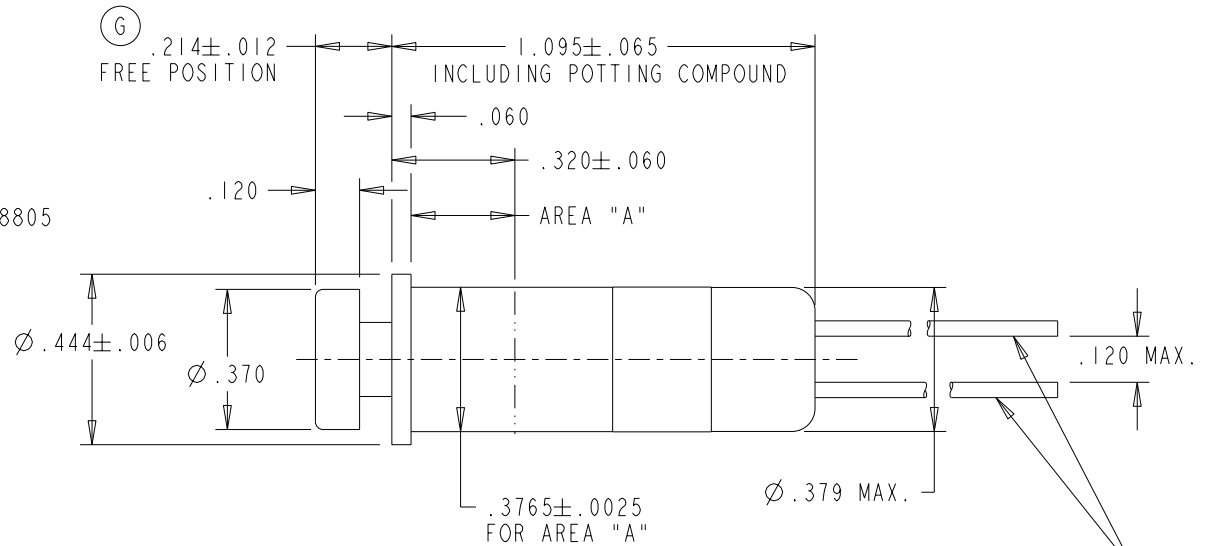


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SCALE 1:1

P7-900007

REV	OCN #	DATE	APR
D	903316	07 SEP 90	BO
E	913903	30 SEP 91	MGC
F	960140	15 JAN 96	RG
G	037744	28 JUN 07	REO



NO.20 AWG WIRE LEADS
 PER MIL-W-22759/11
 36" MIN. LENGTH

OTTO[®]

CARPENTERSVILLE, ILLINOIS USA

DESCRIPTION

P7, PUSHBUTTON SWITCH

MANUFACTURING

SPC

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES.
 TOLERANCES ARE AS LISTED.
 MUST BE FREE FROM BURRS
 AND SHARP EDGES.

TOLERANCES
 .XX ±.03
 .XXX ±.010
 ANGLES ±2°
 DO NOT SCALE DRAWING.

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DRWN. RCW	SIZE	FSCM NO	DRAWING NO.	REV.
CHKD. RCW	A	21649	P7-900007	G
APPD. RTK				
WT.	THIRD ANGLE PROJECTION	Scale 2:1	Sheet 1 OF 1	