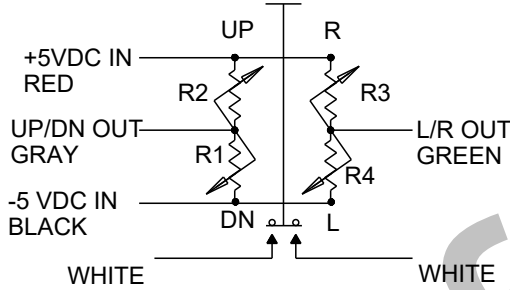


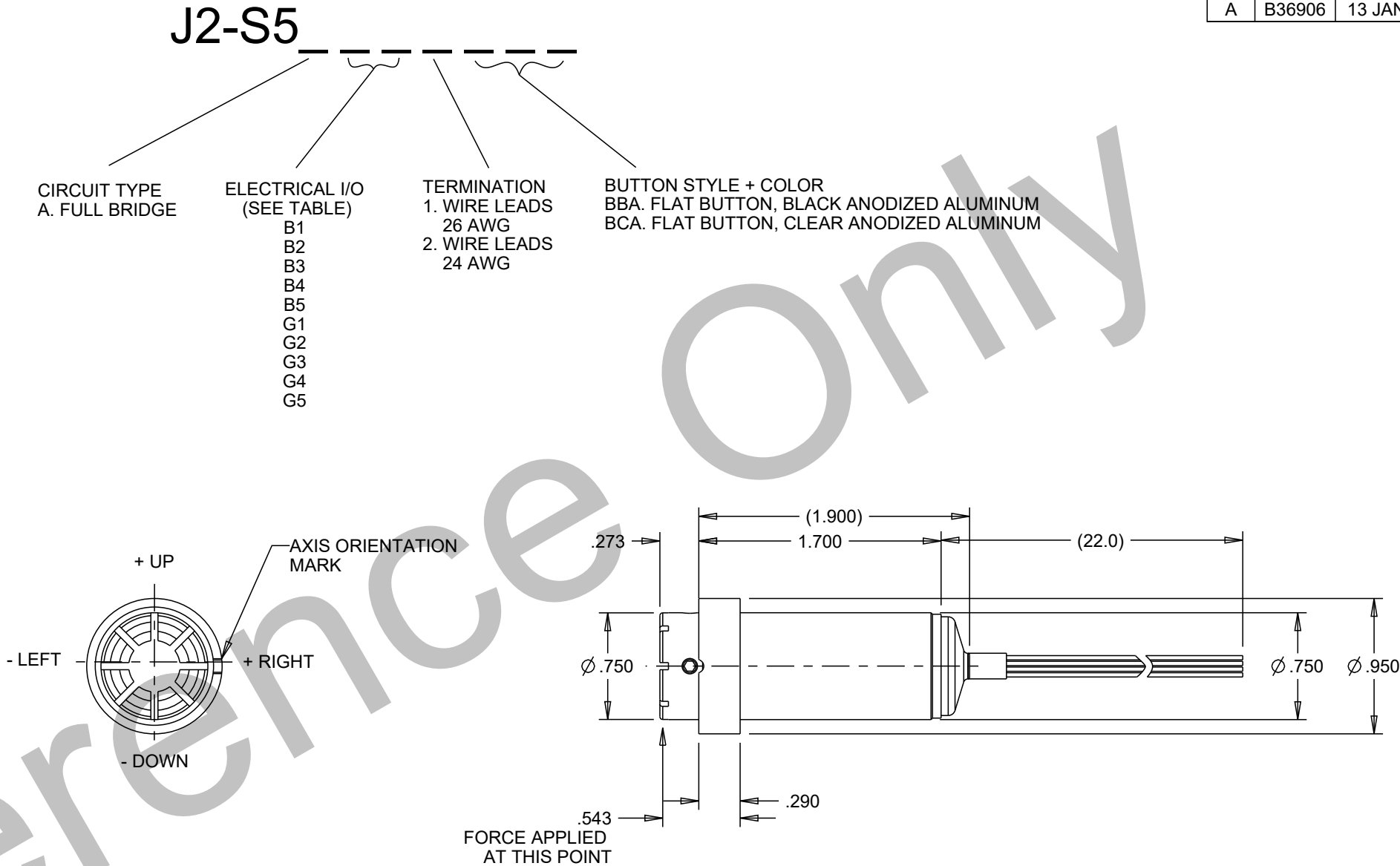
SWITCH CHARACTERISTICS			
ELECTRICAL:			
	MIN	TYP	MAX
INSULATION RESISTANCE	100 M Ω MIN. AT 50 VDC		
NULL TEMPERATURE COEFFICIENT	\pm .08% FULL SCALE PER DEGREE C MAX.		
NULL HYSTERESIS	\pm .5% OF FULL SCALE WITHIN 1 SECOND AFTER RELEASE		
SENSIVITYVITY TEMPERATURE COEFFICIENT	\pm .2% FULL SCALE PER DEGREE C		
RESOLUTION	INFINITE		
MECHANICAL:			
TRAVEL (IN)	.05 MAX.		
OPERATING FORCE (LBS)		3.0	3.1
PUSHBUTTON OPERATING POINT (IN)	.08 MAX		
PUSH BUTTON ACTUATION FORCE (LBS)	2.75	3.5	4.25
ENVIRONMENTAL:			
OPERATING TEMPERATURE($^{\circ}$ C)	-40 $^{\circ}$		+71 $^{\circ}$
STORAGE TEMPERATURE ($^{\circ}$ C)	-55 $^{\circ}$		+85 $^{\circ}$
ENCLOSURE DUST TIGHT	IAW MIL-PRF-8805, SYMBOL 2		
TEST	MIL-S-81619 AND MIL-STD-810		
MATERIAL:			
SWITCH CASE	BLACK, ANODIZED ALUMINUM		
WIRES	NEMA HP3, TYPE E, (22" MIN)		
MARKING	OTTO, 21649, J2-S5 DATE CODE & SERIALIZATION (YYWW-####)		



A. FULL BRIDGE

EXCITATION VOLTAGE					
CIRCUIT CONFIGURATION	EXCITATION VOLTAGE (UNITS VDC)	SENSITIVITY UNTIL STOP (UNITS VDC/LB. \pm 20%)	NULL OUTPUT AT 25°C BIPOLAR (UNITS VDC)	NULL OUTPUT AT 25°C SUPPLY TO GROUND (UNITS VDC)	FULL SCALE TRAVEL CYCLES (UNITS $\times 10^6$)
B1	± 7.5	± 0.45	± 0.10		0.3
G1	+15.0	± 0.45		7.5 \pm 0.10	0.3
B2	± 6.0	± 0.45	± 0.10		0.2
G2	+12.0	± 0.45		6.0 \pm 0.10	0.2
B3	± 6.0	± 0.33	± 0.06		1.0
G3	+12.0	± 0.33		6.0 \pm 0.06	1.0
B4	± 5.0	± 0.33	± 0.05		1.0
G4	+10.0	± 0.33		5.0 \pm 0.05	1.0
B5	± 5.0	± 0.25	± 0.05		1.0
G5	+10	± 0.25		5.0 \pm 0.05	1.0

J2-S5			
REV	ECN #	DATE	APR
A	B36906	13 JAN 23	KLW



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES.
TOLERANCES:
.XX \pm .03
.XXX \pm .010
ANGLES $\pm 2^\circ$
DO NOT SCALE

OTTO.
CARPENTERSVILLE, ILLINOIS USA

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DESCRIPTION					
J2, SHORT TRAVEL, PUSHBUTTON TRANSDUCER					
DRWN. KLW	SIZE	FSCM NO	DRAWING NO.	REV.	
CHKD. KLW	B	21649	J2-S5	A	
APPD. AH	THIRD ANGLE PROJECTION		Scale 1:1	Sheet 1 OF 1	

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