SCREW STEEL 8-32 UNC-2A X 1/4 LG (2 REQ'D)

L' WASH, STEEL (2 REQ'D)

K TERMINAL, BRASS (2 REQ'D)

CASE, STEEL

C HEX NUT ZINC PLT

BUSHING - BRASS 1/20 UNF 2A THD

FACE NUT BRASS - CHROME PLT

KNOB, BLACK

NOTE

1) ALL STEEL PARTS PLATED

2) SILVER LAMINATED CONTACT SURFACES

3) NUTS AND HARDWARE SHIPPED LACQUERED NOT SCALE

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METRIC

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COLE HERSEE COMPANY
BOSTON MASS 02127 USA

PUSH - PULL SW

DATE DRAWN 1/20 53

DATE BLUEPRINT

CONFIDENTIAL PROPERTY OF COLE HERSEE

SPAUDELIO 0 CO 1 C 21 9096
# 20 Amps @ 12 VDC

**METRIC**

- **Bushing, 1/2-20 UNF-2A**
- **Hex Nut**
- **Pal Nut**
- **Terminal Insulator**
- **Terminal (2 Req'd)**
- **Lockwasher (2 Req'd)**
- **Screw, B-32 UNC-2A (2 Req'd)**

**Dimensions:**
- 28.95 SQ REF
- 35.05 REF
- 6.35 "ON" REF
- 15.87 20.95 REF
- 4.06 REF
- 51.56 REF

**Note:**
- 1. Silvered contact surfaces
- 2. All steel parts plated
- 3. All parts must be assembled.

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**PUSH-PULL SWITCH**

Confidential Property of Cole Hersee
8163 KNOB - CELLULOSE ACETATE
BUSHING - ALUM 3/8-32 UNEF ZA
3311 RH EX NUT - STEEL - NICKEL PLATE
8502 PAL NUT - STEEL

5410 SCREW 8 32 X 1/4
3017-8 L'WASHER - STEEL
TERMINAL E

NOTE
© ALL STEEL PARTS PLATED

10 AMPS @ 12 VDC

DO NOT SCALE

EALPG 1-1 3-9-60

PUSH-PULL SWITCH 50046

COLE HERSEE COMPANY
ST SS 0217
NOTES:
1. ALL STEEL PARTS PLATED
2. RATING 10 AMPS @ 12 VDC
3. ALL DIMENSIONS REFERENCE ONLY

Key for Special Characteristics:

- Critical Characteristics relating to Safety and/or Regulatory Compliance
- Significant Characteristics relating to Process Control (P/C)
- Control Dimension relating to Form - F1 - Function as defined by Cole Hersee Company and/or the Customer

(Notes that the identification of any Characteristic as being "Special" does not alter the requirement that ALL specified dimensions & tolerances must be met.)

Tolerances: Unless otherwise specifically noted, the following are default tolerances:

- 3-place Decimal Dimensions +/- .001
- 4-place Decimal Dimensions +/- .0005
- Angular Dimensions +/- .1 Deg
- Metric: Refer to equivalent English Dimension Tolerances

**NOTE:** All tolerances are Non-Cumulative.

Dimensional Units: All dimensions are expressed in inches except those shown in brackets [ ] are expressed in millimeters.

"REF" or "As Drawn" = Non-Tolerance Reference Dimensions, shown for clarification purposes only.

Proprietary Information: This Engineering Drawing, and the information contained herein, is proprietary to Cole Hersee Company and may not be disclosed, reproduced, or be in any other way transferred or communicated to any other party without the express written consent of an authorized representative of Cole Hersee Company.

Design Control: It is the responsibility of the individual using/fabricating this drawing to assure that the issued design revision level agrees with the revision level of the Controlled Document (Master Drawing). This is a NON-CONTROLLED DOCUMENT unless otherwise specifically noted.

**DO NOT SCALE** - Dimensional variation may occur during printing or reproduction.
CASE STEEL TERMINAL BRASS
BUSHING STEEL PAL NUT ZINC PLT
HEX NUT ZINC PLT

KNOB - BRASS ROLLED CHROME

1/2 20 UNF 2A THD

NOTE
5 ALL STEEL PARTS PLATED

2 10 A @ 12 VOLTS

DO NOT SCALE

CH 188(4 78)
### Metric Parts

- **Shaft, Steel**
- **Hex Nut, Zinc Plated**
- **Bushing, Brass**
- **Housing, Zinc Die Cast**
- **Terminal, Steel**
- **Screw, Sems 8-32UNF-2A**
- **6.35 LG. Steel (2 Rev'D)**

**Notes:**
- All steel parts plated.
- 2" O-ring seal at bushing, and gasket seal at bottom of term insul.

### Drawing Information

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**Date Drawn:** 6-24-65

**Date Blueprint:**

### Panels Switch

- **50077**

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**COLE-HERSEE COMPANY**

BOSTON, MASS. 02127, U.S.A.

**Panel Switch**

**SPAULDING CO., INC 21-10961**