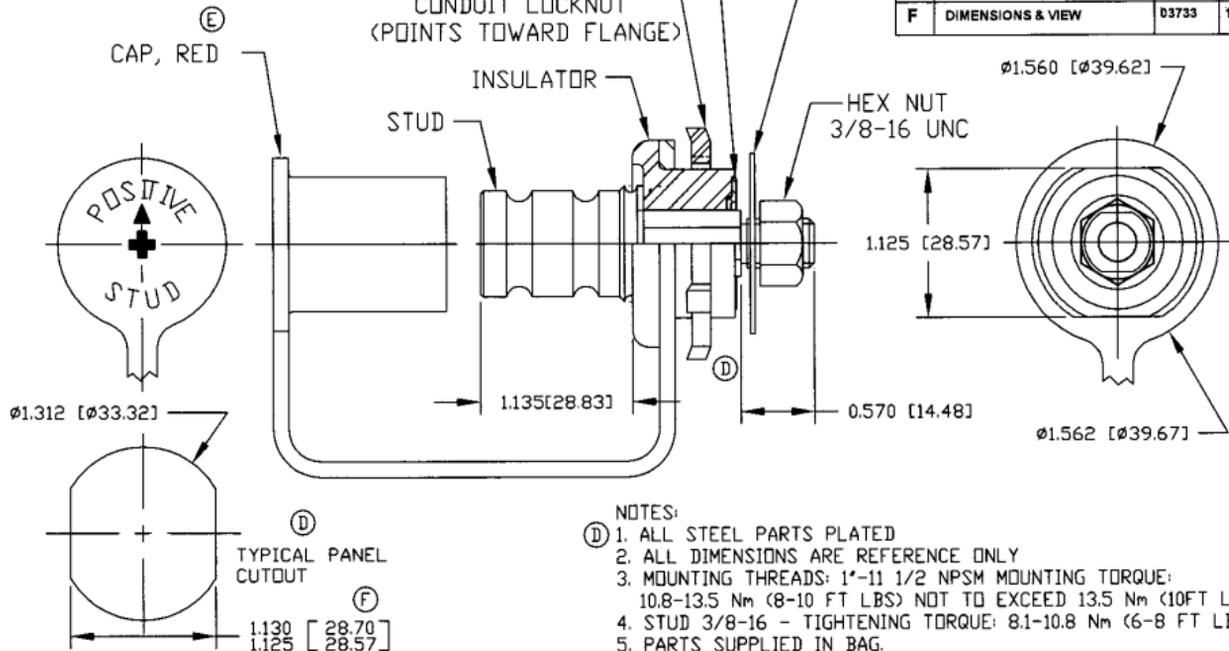


### Revision Control Record

Rev.	Description of Change	ECN No.	Date
D	NOTES & VIEW	03189	5/29/03
E	CAP COLOR TO RED	03257	7/15/03
F	DIMENSIONS & VIEW	03733	12/23/03

(F) 1'-11 1/2 NPSM  
CONDUIT LOCKNUT  
(POINTS TOWARD FLANGE)



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

- 2-place Decimal Dimensions  $\pm .02^\circ$
- 3-place Decimal Dimensions  $\pm .005^\circ$
- Angular Dimensions  $\pm 1.0$  Deg.
- Metric: Refer to equivalent English Dimension Tolerance
- NOTE: All tolerances are Non-Cumulative. •••

**Dimensional Limits.** All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters.

\*RFP - or an As-Built - is Non-Toleranced Reference Dimensions, shown for identification purposes only.

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**DO NOT SCALE.** Dimensional variation may occur during printing/ reproduction.

Special Characteristics...

- Critical Characteristic, relating to Safety and/or Regulatory Compliance
- Significant Characteristic relating to Process Control (SPC)
- Key Characteristics relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer

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

Used On or Ref:	Scale: <b>1:1</b>	Drawn By: <b>DPS</b>	Date Drawn: <b>8/07/80</b>	Responsible Engineer: <b>SAM</b>	Pg. 1 of 1
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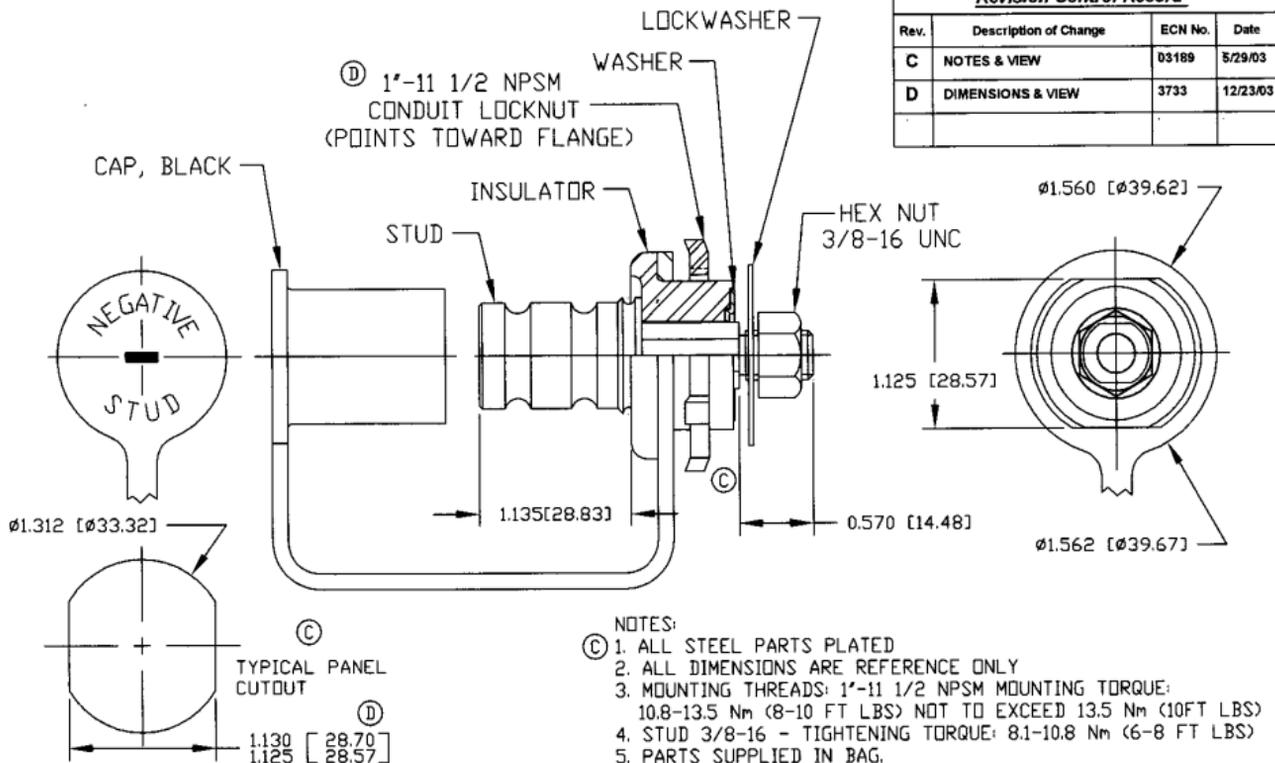
**Cole Hersee Co.**  
 20 Old Colony Ave., South Boston, MA, 02127  
 Phn 617-268-2100 Web: www.coleshersee.com

**Description:**  
**STUD, JUMPER, POS**

Drawing/ Part No.: <b>46210-02</b>	Current Rev.: <b>F</b>
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### Revision Control Record

Rev.	Description of Change	ECN No.	Date
C	NOTES & VIEW	03189	5/29/03
D	DIMENSIONS & VIEW	3733	12/23/03



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

- 2-place Decimal Dimensions  $\pm .02$ "
- 3-place Decimal Dimensions  $\pm .005$ "
- Angular Dimensions  $\pm 1.0$  Deg
- Metric: Refer to equivalent English Dimension Tolerance
- NOTE: All tolerances are Non-Cumulative. <<<

**Dimensional Units.** All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters

\*REF\* or an Abbrev. CD = Non-Tolerance Reference Dimension, shown for clarification purposes only.

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DO NOT SCALE - Dimensional variation may occur during printing / reproduction.

**Special Characteristics.**

- ⊠ Critical Characteristics, relating to Safety and/or Regulatory Compliance
- X Significant Characteristics relating to Process Control (SPC)
- Ⓚ Key Characteristic relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer

(Note that the Identification of any Characteristics as being "Special" does not alter the requirement that ALL specified dimensions & tolerances must be met.)

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**Description:**  
**JUMPER STUD, NEG.**

**Drawing / Part No.:**  
**46210-03**

**Current Rev.**

**D**

Used On \_\_\_\_\_ Scale: **1:1**

Drawn: **RG**

Date: **8/07/80**

Responsible Engineer: **SAM**

Pg. **1** of **1**

Revision Control Record			
Rev.	Description of Change	ECN No.	Date
H	NOTE 5	00685	9/13/00
J	NOTES & VIEW	03189	5/30/03
K	DIMENSIONS & VIEW	12/23/03	12/23/03
L	ADDED BLACK	12085	03/16/12

(K) 1"-11 1/2 NPSM  
CONDUIT LOCKNUT  
(POINTS TOWARD FLANGE)

(L) INSULATOR, BLACK

STUD 3/8-16  
BOTH ENDS

WASHER

LOCKWASHER, 2 PL, NOTE 5

HEX NUT, 2 PL, NOTE 5

Ø 0.875 [22.22]

Ø1.562 [39.69]

Ø1.312 [Ø33.32]

1.125 [28.57]

1.130 [28.70]  
1.125 [28.57]

TYPICAL PANEL CUTOUT

0.570 [14.48]

0.625 [15.87]

1.195 [30.351]

2.060 [52.32]  
2.090 [53.09]

- (J) NOTES:
1. ALL STEEL PARTS PLATED
  2. ALL DIMENSIONS ARE REFERENCE ONLY
  3. MOUNTING THREADS 1"-11 1/2 NPSM-  
MOUNTING TORQUE 10.8-13.5 Nm  
(8-10 FT LBS) NOT TO EXCEED  
13.5 Nm (10 FT LBS)
  4. STUD 3/8-16 TIGHTENING TORQUE  
8.1-10.8 Nm (6-8 FT LBS)
  5. PARTS SUPPLIED IN BAG

**Tolerances** Unless otherwise specifically noted, the following are default tolerances;

- \* 2-place Decimal Dimensions +/- .02"
- \* 3-place Decimal Dimensions +/- .005"
- \* Angular Dimensions +/- 1.0 Deg.
- \* Metric: Refer to equivalent English Dimension Tolerance
- >>> NOTE: All tolerances are Non-Cumulative. <<<

**Dimensional Units** All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters

"REF." or an Asterisk (\*) = Non-Toleranced Reference Dimension, shown for clarification purposes only.

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DO NOT SCALE - Dimensional variation may occur during printing / reproduction.

**Special Characteristics:**



Critical Characteristic, relating to Safety and/or Regulatory Compliance



Significant Characteristic relating to Process Control (SPC)



Key Characteristic relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer

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



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Description: **FEED THRU STUD**

Drawing / Part No.:

**46211-01**

Current Rev.

**L**

Used On or Ref.:

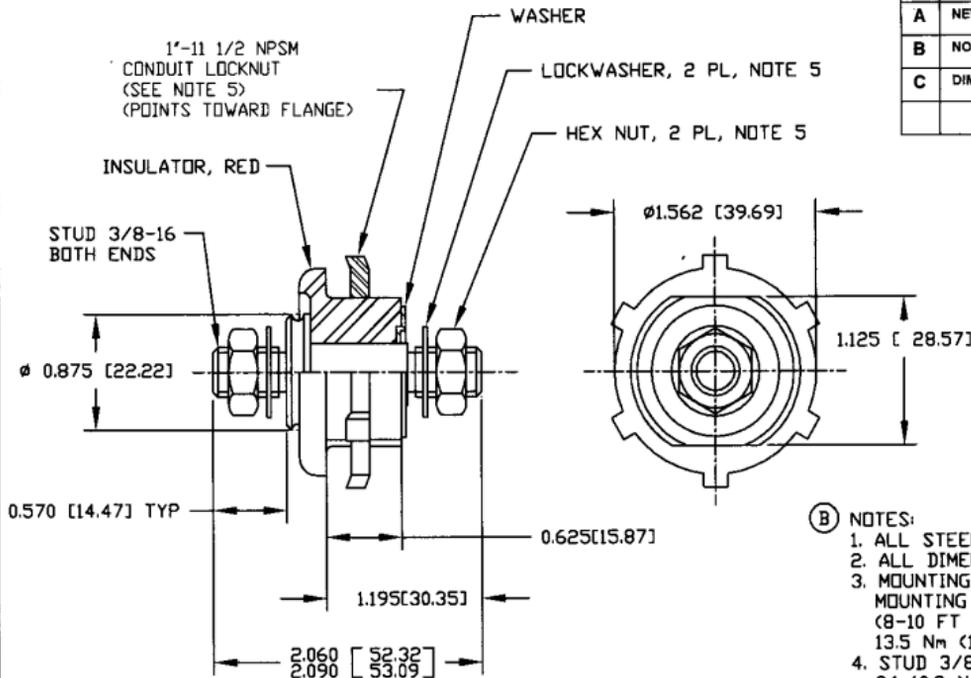
Scale: **1:1**

Drawn By: **RG**

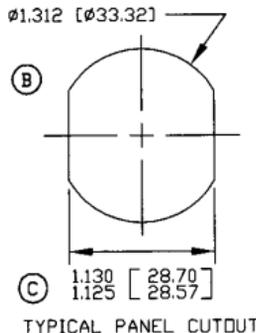
Date Drawn: **8/8/80**

Responsible Engineer: **N/A**

Pg. 1 of 1



<u>Revision Control Record</u>			
Rev.	Description of Change	ECN No.	Date
A	NEW PART	02609	12/23/02
B	NOTES & VIEW	03189	5/30/03
C	DIMENSIONS & VIEW	03733	12/24/03



- (B) NOTES:
1. ALL STEEL PARTS PLATED
  2. ALL DIMENSIONS ARE REFERENCE ONLY
  3. MOUNTING THREADS 1'-11 1/2 NPSM-MOUNTING TORQUE 10.8-13.5 Nm (8-10 FT LBS) NOT TO EXCEED 13.5 Nm (10 FT LBS)
  4. STUD 3/8-16 TIGHTENING TORQUE 8.1-10.8 Nm (6-8 FT LBS)
  5. ALL HARDWARE SUPPLIED IN BAG

**TOLERANCES** - Unless otherwise specifically noted, the following are default tolerances:  
 \* 3-place Decimal Dimensions ±.02"  
 \* 3-place Decimal Dimensions ±.005"  
 \* Angular Dimensions ±1.0 Deg.  
 \* Metric: Refer to equivalent English Dimension Tolerance  
 \* >>> NOTE: All tolerances are Non-Cumulative. <<<

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**DESIGN CONTROL** - It is the responsibility of the individual using / referring this drawing to ensure that the noted design revision level agrees with the revision level of the Controlled Document (Drawing/Stamping). This is a NON-CONTROLLED DOCUMENT unless otherwise specifically noted.

**DO NOT SCALE** - Dimensional variation may occur during printing / reproduction.

Special Characteristics

- ⊕ Critical Characteristics, relating to Safety and/or Regulatory Compliance
- X Significant Characteristics relating to Process Control (SPC)
- (KC) Key Characteristics relating to Form - FE - Function as defined by Cole Hersee Company and/or the Customer

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



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 Phone 617-268-3100 Web: www.colehersee.com

Description:

**FEED THRU STUD**

Drawing / Part No.:

**46211-R**

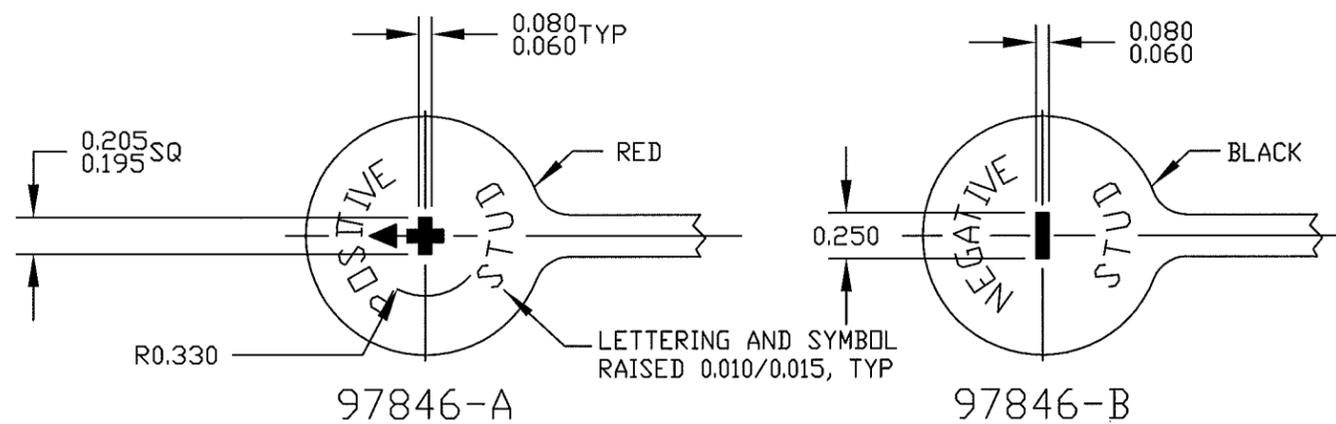
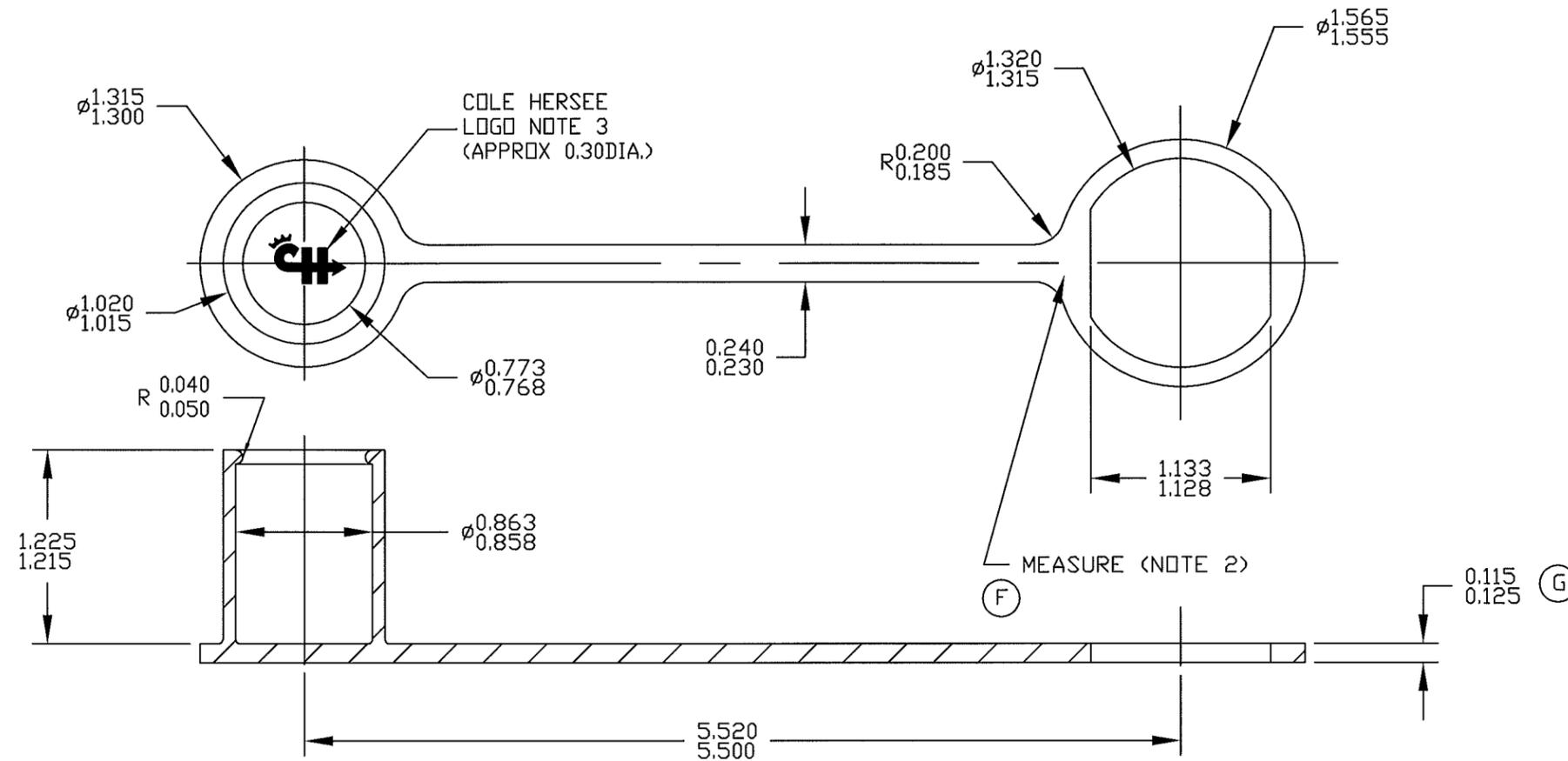
Current Rev.

**C**

Used On or Ref.      Scale: **1:1**      Drawn By: **GA**      Date Drawn: **12/17/02**      Responsible Engineer: **0LAUGRE**      Pg. 1 of 1

**Revision Control Record**

Rev.	Description of Change	ECN No.	Date
E	AUTOCAD, LOGO	05424	10/26/05
F	NOTE 2 CHANGE	06300	9/07/06
G	ADDED DIM	11233	7/20/11



- NOTES:  
 1. MATERIAL: COASTAL DC-834, PVC  
 2. DURAMETER 60-75 SHORE A, PER ASTM SPEC. D-2287  
 3. FOR LOGO PROPORTIONS SEE COLE HERSEE DRAWING TA 139

**Tolerances** Unless otherwise specifically noted, the following are default tolerances:  
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 \* 3-place Decimal Dimensions +/- .005"  
 \* Angular Dimensions +/- 1.0 Deg.  
 \* Metric: Refer to equivalent English Dimension Tolerance  
 >>> NOTE: All tolerances are Non-Cumulative. <<<

**Dimensional Units** All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters

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DO NOT SCALE - Dimensional variation may occur during printing/ reproduction.

**Special Characteristics:**

- Critical Characteristic, relating to Safety and/or Regulatory Compliance
- Significant Characteristic relating to Process Control (SPC)
- Control Dimension relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer

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

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 Phn: 617-268-2100 Web: www.colehersee.com

**Description:**  
**CAP**

**Drawing / Part No.:** 97846-A & B

**Revision:** G

Used On or Ref.: EX18810A-10 46210-01	Scale: <b>1:1</b>	Drawn By: <b>RMT</b>	Date Drawn: <b>6/19/80</b>	Responsible Engineer: <b>SAM</b>	Pg. 1 of 1
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