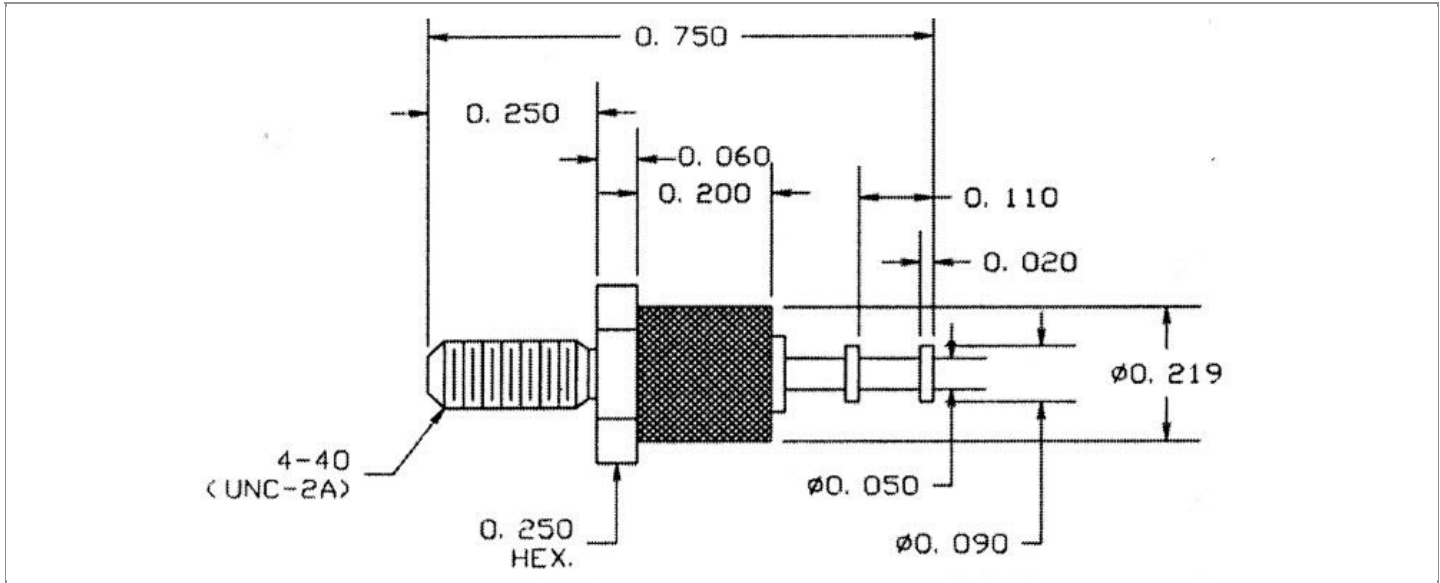


|                        |  |
|------------------------|--|
| <b>DRAWING NUMBER:</b> | 1169-37M-XXXX                                      |
| <b>PRODUCT GROUP:</b>  | TERMINALS  |
| <b>SUB-GROUP:</b>      | MILITARY INSULATED TERMINALS                       |
| <b>DESCRIPTION:</b>    | DIALLYL PHTHALATE INSULATED DOUBLE TURRET TERMINAL |



| PIN DIAMETER            | OVERALL LENGTH     | MOUNTING ORIENTATION | BOARD / PANEL MOUNTING METHOD |
|-------------------------|--------------------|----------------------|-------------------------------|
| N/A                     | 0.750"             | VERTICAL             | THREAD MOUNT (4-40 NUT)       |
| BOARD / PANEL THICKNESS | MOUNTING HOLE SIZE | DRILL SIZE           | FEED THRU COMBINATION         |
| UP TO 1/8"              | 0.120" ± 0.002     | #31                  | N/A                           |

**PART NO. STRUCTURE:\***

|             |   |           |   |        |                  |
|-------------|---|-----------|---|--------|------------------|
| 1169        | - | 37M       | - | XX     | XX               |
| PART SERIES |   | DIMENSION |   | FINISH | INSULATION COLOR |

\*If applicable, "Z" at the end of a PART NO. STRUCTURE indicates TERMINAL MATERIAL TYPE.

**MATERIAL OPTIONS:**

**1169-37M-XXXX**

| COMPONENT         | MATERIAL          | MATERIAL AND SPECIFICATION                          |
|-------------------|-------------------|---|
| TERMINAL          | BRASS             | BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD          |
| BASE/METAL SLEEVE | BRASS             | BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD          |
| INSULATION*       | DIALLYL PHTHALATE | MOLDED DIALLYL PHTHALATE, TYPE SDG-F PER ASTM D5948 |
| NUT               | BRASS             | BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD          |
| WASHER            | PHOSPHOR BRONZE   | PHOSPHOR BRONZE PER MS35333                         |

\*For Insulation color, please see INSULATION COLOR OPTIONS on Page 2

FINISH - PLATING OPTIONS:

1169-37M-XXXX

| FINISH CODE | COMPONENT         | FINISH          | FINISH AND SPECIFICATION  |
|-------------|-------------------|-----------------|---|
| 05          | TERMINAL          | ELECTRO-SOLDER  | 0.000300"MIN. ELECTRO-SOLDER PER SAE-AMS-P-81728 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418             |
|             | BASE/METAL SLEEVE | ELECTRO-SOLDER  | 0.000100"MIN. ELECTRO-SOLDER PER SAE-AMS-P-81728 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290         |
|             | NUT               | NICKEL          | 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290   |
|             | WASHER            | NICKEL          | 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290   |
| 088         | TERMINAL          | BRIGHT TIN-LEAD | 0.000300"MIN. BRIGHT TIN-LEAD (Sn93%-Pb7%) PER ASTM B545 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418     |
|             | BASE/METAL SLEEVE | BRIGHT TIN-LEAD | 0.000100"MIN. BRIGHT TIN-LEAD (Sn93%-Pb7%) PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290 |
|             | NUT               | NICKEL          | 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290   |
|             | WASHER            | NICKEL          | 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290   |
| 095         | TERMINAL          | HOT SOLDER DIP  | 0.000100"MIN. HOT SOLDER DIP USING Sn60 PER IPC-J-STD-006 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418    |
|             | BASE/METAL SLEEVE | BRIGHT TIN-LEAD | 0.000100"MIN. BRIGHT TIN-LEAD (Sn93%-Pb7%) PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290 |
|             | NUT               | NICKEL          | 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290   |
|             | WASHER            | NICKEL          | 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290   |

INSULATION COLOR OPTIONS:

1169-37M-XXXX

| INSULATION COLOR | BLACK | BLUE | BROWN | GRAY | GREEN | ORANGE | RED | VIOLET | WHITE | YELLOW |
|------------------|-------|------|-------|------|-------|--------|-----|--------|-------|--------|
| COLOR CODE NO.   | 10    | 16   | 11    | 18   | 15    | 13     | 12  | 17     | 19    | 14     |

TOLERANCES:\*

| DECIMAL | FRACTIONAL | ANGULAR | DRAWING ORIGATION DATE | LAST MODIFICATION DATE |
|---------|------------|---------|------------------------|------------------------|
| ± 0.015 | N/A        | N/A     | 12/19/2003             | 3/1/2017               |

\*All dimensions are in inches.

RoHS COMPLIANCE:

1169-37M-05XX

| PART NUMBER   | RoHS COMPLIANT |
|---------------|----------------|
| 1169-37M-0510 | NO             |
| 1169-37M-0511 | NO             |
| 1169-37M-0512 | NO             |
| 1169-37M-0513 | NO             |
| 1169-37M-0514 | NO             |
| 1169-37M-0515 | NO             |
| 1169-37M-0516 | NO             |
| 1169-37M-0517 | NO             |
| 1169-37M-0518 | NO             |
| 1169-37M-0519 | NO             |

1169-37M-088XX

| PART NUMBER    | RoHS COMPLIANT |
|----------------|----------------|
| 1169-37M-08810 | NO             |
| 1169-37M-08811 | NO             |
| 1169-37M-08812 | NO             |
| 1169-37M-08813 | NO             |
| 1169-37M-08814 | NO             |
| 1169-37M-08815 | NO             |
| 1169-37M-08816 | NO             |
| 1169-37M-08817 | NO             |
| 1169-37M-08818 | NO             |
| 1169-37M-08819 | NO             |

1169-37M-095XX

| PART NUMBER    | RoHS COMPLIANT |
|----------------|----------------|
| 1169-37M-09510 | NO             |
| 1169-37M-09511 | NO             |
| 1169-37M-09512 | NO             |
| 1169-37M-09513 | NO             |
| 1169-37M-09514 | NO             |
| 1169-37M-09515 | NO             |
| 1169-37M-09516 | NO             |
| 1169-37M-09517 | NO             |
| 1169-37M-09518 | NO             |
| 1169-37M-09519 | NO             |

MILITARY REFERENCE SPECIFICATIONS:

1169-37M-05XX

| PART NUMBER   | MIL SPECIFICATION | MIL PART NUMBER           | COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION | CID PART NUMBER |
|---------------|-------------------|---------------------------|---|-----------------|
| 1169-37M-0510 | MIL-T-55155/09    | M55155/090H04 (SE090E04S) | A-A-59126/09                                    | AA59126/090H04  |
| 1169-37M-0511 | MIL-T-55155/09    | M55155/091H04 (SE091E04S) | A-A-59126/09                                    | AA59126/091H04  |
| 1169-37M-0512 | MIL-T-55155/09    | M55155/092H04 (SE092E04S) | A-A-59126/09                                    | AA59126/092H04  |
| 1169-37M-0513 | MIL-T-55155/09    | M55155/093H04 (SE093E04S) | A-A-59126/09                                    | AA59126/093H04  |
| 1169-37M-0514 | MIL-T-55155/09    | M55155/094H04 (SE094E04S) | A-A-59126/09                                    | AA59126/094H04  |
| 1169-37M-0515 | MIL-T-55155/09    | M55155/095H04 (SE095E04S) | A-A-59126/09                                    | AA59126/095H04  |
| 1169-37M-0516 | MIL-T-55155/09    | M55155/096H04 (SE096E04S) | A-A-59126/09                                    | AA59126/096H04  |
| 1169-37M-0517 | MIL-T-55155/09    | M55155/097H04 (SE097E04S) | A-A-59126/09                                    | AA59126/097H04  |
| 1169-37M-0518 | MIL-T-55155/09    | M55155/098H04 (SE098E04S) | A-A-59126/09                                    | AA59126/098H04  |
| 1169-37M-0519 | MIL-T-55155/09    | M55155/099H04 (SE099E04S) | A-A-59126/09                                    | AA59126/099H04  |

1169-37M-088XX

| PART NUMBER    | MIL SPECIFICATION | MIL PART NUMBER | COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION | CID PART NUMBER                |
|----------------|-------------------|-----------------|---|--------------------------------|
| 1169-37M-08810 | MIL-T-55155/09    | M55155/090J04   | A-A-59126/09                                    | AA59126/090J04 (AA59126/09004) |
| 1169-37M-08811 | MIL-T-55155/09    | M55155/091J04   | A-A-59126/09                                    | AA59126/091J04 (AA59126/09104) |
| 1169-37M-08812 | MIL-T-55155/09    | M55155/092J04   | A-A-59126/09                                    | AA59126/092J04 (AA59126/09204) |
| 1169-37M-08813 | MIL-T-55155/09    | M55155/093J04   | A-A-59126/09                                    | AA59126/093J04 (AA59126/09304) |
| 1169-37M-08814 | MIL-T-55155/09    | M55155/094J04   | A-A-59126/09                                    | AA59126/094J04 (AA59126/09404) |

Continued on next page...

MILITARY REFERENCE SPECIFICATIONS CONTINUED:

1169-37M-088XX

| PART NUMBER    | MIL SPECIFICATION | MIL PART NUMBER | COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION | CID PART NUMBER                |
|----------------|-------------------|-----------------|---|--------------------------------|
| 1169-37M-08815 | MIL-T-55155/09    | M55155/095J04   | A-A-59126/09                                    | AA59126/095J04 (AA59126/09504) |
| 1169-37M-08816 | MIL-T-55155/09    | M55155/096J04   | A-A-59126/09                                    | AA59126/096J04 (AA59126/09604) |
| 1169-37M-08817 | MIL-T-55155/09    | M55155/097J04   | A-A-59126/09                                    | AA59126/097J04 (AA59126/09704) |
| 1169-37M-08818 | MIL-T-55155/09    | M55155/098J04   | A-A-59126/09                                    | AA59126/098J04 (AA59126/09804) |
| 1169-37M-08819 | MIL-T-55155/09    | M55155/099J04   | A-A-59126/09                                    | AA59126/099J04 (AA59126/09904) |

1169-37M-095XX

| PART NUMBER    | MIL SPECIFICATION | MIL PART NUMBER | COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION | CID PART NUMBER |
|----------------|-------------------|-----------------|---|-----------------|
| 1169-37M-09510 | MIL-T-55155/09    | M55155/090I04   | A-A-59126/09                                    | AA59126/090I04  |
| 1169-37M-09511 | MIL-T-55155/09    | M55155/091I04   | A-A-59126/09                                    | AA59126/091I04  |
| 1169-37M-09512 | MIL-T-55155/09    | M55155/092I04   | A-A-59126/09                                    | AA59126/092I04  |
| 1169-37M-09513 | MIL-T-55155/09    | M55155/093I04   | A-A-59126/09                                    | AA59126/093I04  |
| 1169-37M-09514 | MIL-T-55155/09    | M55155/094I04   | A-A-59126/09                                    | AA59126/094I04  |
| 1169-37M-09515 | MIL-T-55155/09    | M55155/095I04   | A-A-59126/09                                    | AA59126/095I04  |
| 1169-37M-09516 | MIL-T-55155/09    | M55155/096I04   | A-A-59126/09                                    | AA59126/096I04  |
| 1169-37M-09517 | MIL-T-55155/09    | M55155/097I04   | A-A-59126/09                                    | AA59126/097I04  |
| 1169-37M-09518 | MIL-T-55155/09    | M55155/098I04   | A-A-59126/09                                    | AA59126/098I04  |
| 1169-37M-09519 | MIL-T-55155/09    | M55155/099I04   | A-A-59126/09                                    | AA59126/099I04  |

TOOLING:

| INSTALLATION TOOL:<br>ARBOR PRESS | INSTALLATION TOOL:<br>ANVIL<br>(ARBOR PRESS OPERATED) | INSTALLATION TOOL:<br>PRESS-FIT / ROLL SWAGE / RIVET PUNCH<br>(ARBOR PRESS OPERATED) | INSTALLATION TOOL:<br>PRESS-FIT<br>(HAND OPERATED) |
|-----------------------------------|---|--|--|
| N/A                               | N/A   | N/A  | N/A  |

NOTES:

| DATASHEET NOTES  |
|--|
| NUT PART NO.: 701-7317-02, WASHER PART NO.: 701-7723-02. |

| INSTRUCTION NOTES   |
|---|
| SUPPLIED WITH NICKEL PLATED BRASS HEX NUT (4-40 x 1/4" x 3/32") AND NICKEL PLATED PHOSPHOR BRONZE #4 INTERNAL TOOTH LOCKWASHER. |