

| REVISIONS | | |
|-----------|---|----------|
| LTR | DESCRIPTION | DATE |
| D | (CL 11) ADD AND RELEASE -10 AND 11 PER ECN A3595 | 12/11/07 |
| E | CL(11) ADD AND RELEASE -12() PER ECN A6249 | 11/7/08 |
| F | (CL 11) SEE ECN A6749 | 3/30/10 |
| G | (CL 11) SEE ECN A9177-0000 ADDED -14(), -15(), -16() | 6/8/10 |
| H | (CL 11) SEE ECN B0576-0000 ADDED -17() | 12/1/10 |
| J | (CL 11) SEE ECN B0606-0000 ADDED NOTE 8 CALLOUT | 12/27/10 |
| K | (CL 11) ADDED-18 THRU -21 ECN: B3340-0000 | 7/20/12 |
| L | (CL 11) ADDED -22() ECN: B4483-0000 | 10/24/13 |

10-597503

SHEET 1 OF 2

REV. L

- 9 INDICATED AREA SHALL BE CAPABLE OF MEETING THE SOLDERABILITY REQUIREMENTS OF 9-8825 AFTER STEAM AGING.
- 8 TO COMPLETE PART NUMBER, ADD APPLICABLE LAST CHARACTER TO SUFFIX FOR DESIRED FINISH:

| SUFFIX | FINISH DATA |
|--------|---------------------|
| 2 | GOLD PLATE 9-6800-2 |
| 3 | GOLD PLATE 9-6800-3 |
| 4 | GOLD PLATE 9-6800-4 |
| 5 | GOLD PLATE 9-6800-5 |
| F | GOLD PLATE 9-6800-F |
| H | GOLD PLATE 9-6800-H |
- 7. PROCESS SPEC:
TEST 9-5272-16
9-6700, 9-6800, 9-8825, 9-7530
- 6 CRIMP SLEEVE TIGHTLY TO CONTACT.
- 5 TRADEMARK, 9-6700 TYPE IV, MUST BE BLACK INK STAMPED PER 9-7530 IF NOT PREVIOUSLY METAL STAMPED, AFTER PLATING DIRECTION IS OPTIONAL. TRADEMARK MAY BE LOCATED ON EITHER SIDE OF THE SHOULDER, NO DISTORTION OF CONTACT IS PERMITTED.
- 4 INDICATED DIMENSION TO BE FROM SHOULDER TO POINT OF ENGAGEMENT OF SOCKET AND A .0940±.0002 DIAMETER SQUARE ENDED PIN.
- 3. A .0950 +.0002-.0000 DIA HARDENED STEEL PIN WITH A SPHERICAL END MUST ENGAGE SOCKET WITH A FORCE NOT GREATER THAN 26 OUNCES. A .0930+.0000-.0002 DIA HARDENED STEEL PIN WITH A SPHERICAL END MUST DISENGAGE SOCKET WITH A FORCE NOT LESS THAN 5 OUNCES. PIN TO HAVE A $\sqrt{3}$ FINISH AND ENGAGE TO A DEPTH OF .140 MINIMUM.

- 2. PLATE CONTACT BEFORE ASSEMBLY.
- 1. ALL DIMENSIONS ARE AFTER PLATING.

NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.

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|-----|---------------|
| N/A | NEXT ASSEMBLY |
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DOCUMENT NO. **10-597503** SHEET 1 OF 2 REV. **L**

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| UNLESS OTHERWISE SPECIFIED | SPECIFICATIONS |
| LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES= ±2° .XXX = ±.010 .XX = ±.03 .X = ±.1 | MATERIAL SPEC. N/A |
| DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Stds. PER 9-3800 | PROCESS SPEC. SEE NOTE 7 |
| LEGENDS: = FLAG NOTE CALL OUT REFERENCE ONLY | |

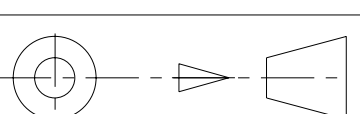
| 2 | 1 | 10-407969-012 | SLEEVE | 2,6 |
|-----|-----|---------------|-------------|------|
| 1 | 1 | SEE COLUMN | CONTACT | 2,6 |
| POS | QTY | PART NUMBER | DESCRIPTION | NOTE |

PARTS LIST

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, N.Y. 13858

**CONTACT, SOCKET,
ELECTRICAL CONNECTOR,
SIZE 12, TYPE LJT-R, PCB**

| | |
|--|-----------|
| APPROVALS | DATE |
| PREPARED BY J. BORDEAU | 26-Sep-07 |
| ENGINEER IN CHARGE D. PHILLIPS | |
| DESIGN MANAGER H. JOHNSON | |
| DESIGN ACTIVITY GROUP MIL-AERO DEVELOP | |
| THIRD ANGLE PROJECTION | |



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|---------------|------------------------|-------------------------------|---------------|
| SIZE C | CAGE CODE 77820 | DOCUMENT NO. 10-597503 | REV. L |
| SCALE: 6.0 | REF 10-497095-12 | SHEET 1 OF 2 | |

PRO/ENGINEER INFORMATION

Pro/e Model Used:
10-597503.ASSEM
Drawing Name:
10-597503

FORMAT: C-0-L-E-1

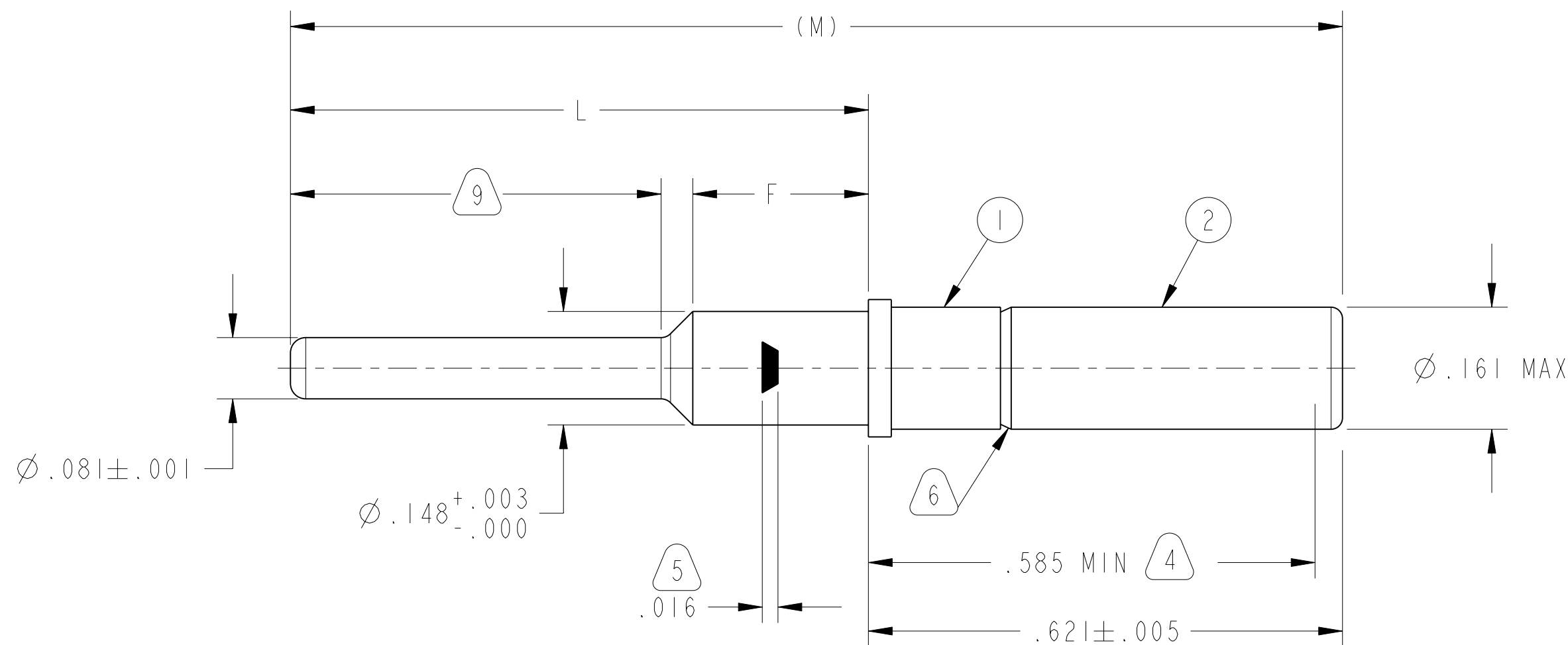
RELEASE STATE Released

SHEET 1 OF 2

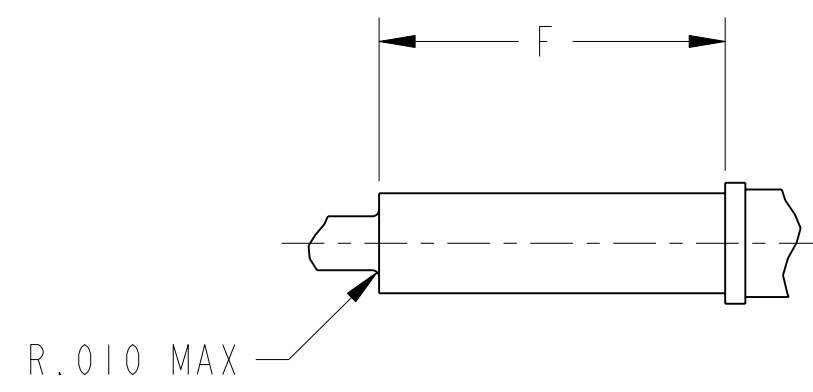
10-597503

| PART NUMBER | MADE FROM | F | L | (M) | SURFACE AREA | TYPE |
|-----------------|---------------|---------------------------------|------------|-------|--------------|------|
| 10-597503-01() | 10-597503-01B | .230±.005 | .757±.005 | 1.378 | .6581 | I |
| 10-597503-02() | 10-597503-02B | .230±.005 | .877±.005 | 1.481 | .6889 | |
| 10-597503-03() | 10-597503-03B | .230±.005 | .585±.005 | 1.206 | .6017 | |
| 10-597503-04() | 10-597503-04B | .460 ⁺ .000 -.015 | .873±.005 | 1.494 | .7238 | |
| 10-597503-05() | 10-597503-05B | | .783±.005 | 1.404 | .7011 | |
| 10-597503-06() | 10-597503-06B | | 1.012±.003 | 1.633 | .7589 | |
| 10-597503-07() | 10-597503-07B | | .739±.005 | 1.360 | .6900 | |
| 10-597503-08() | 10-597503-08B | | .816±.005 | 1.437 | .7128 | |
| 10-597503-09() | 10-597503-09B | | .897±.005 | 1.518 | .7334 | |
| 10-597503-10() | 10-597503-10B | | .850±.005 | 1.471 | .7215 | |
| 10-597503-11() | 10-597503-11B | | .836±.005 | 1.457 | .7179 | |
| 10-597503-12() | 10-597503-12B | | .939±.005 | 1.560 | .7406 | |
| 10-597503-13() | 10-597503-13B | | 1.062±.003 | 1.683 | .7719 | |
| 10-597503-14() | 10-597503-14B | .515±.003 | .825±.005 | 1.446 | II | |
| 10-597503-15() | 10-597503-15B | .460 ⁺ .000 -.015 | .709±.005 | 1.330 | .6826 | |
| 10-597503-16() | 10-597503-16B | | .983±.005 | 1.604 | .7517 | |
| 10-597503-17() | 10-597503-17B | | 1.157±.005 | 1.778 | .7956 | |

| PART NUMBER | MADE FROM | F | L | (M) | SURFACE AREA | TYPE |
|-----------------|---------------|---------------------------------|------------|-------|--------------|------|
| 10-597503-18() | 10-597503-18B | .607±.005 | .895±.005 | 1.156 | .7611 | I |
| 10-597503-19() | 10-597503-19B | .460 ⁺ .000 -.015 | 1.195±.005 | 1.816 | .8055 | |
| 10-597503-20() | 10-597503-20B | .565±.005 | .900±.005 | 1.521 | .7533 | |
| 10-597503-21() | 10-597503-21B | .230±.005 | .460±.003 | 1.081 | .5073 | |
| 10-597503-22() | 10-597503-22B | .600±.002 | .775±.003 | 1.396 | .7293 | II |



TYPE I
SCALE 6



TYPE II
SCALE 4

SEE SHEET 1.

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| DOCUMENT NO. 10-597503 | SHEET 2 OF 2 | REV. L |
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|------------------|---------------------------|----------------------------------|------------------|
| SIZE C | CAGE CODE 77820 | DOCUMENT NO. 10-597503 | REV. L |
| SCALE: 2.0 | REF: 10-497095-12 | SHEET 2 OF 2 | |

RELEASE STATE: Released
REVISION: L
VERSION: I
DOCUMENT NO: 10-597503
SHEET 2 OF 2