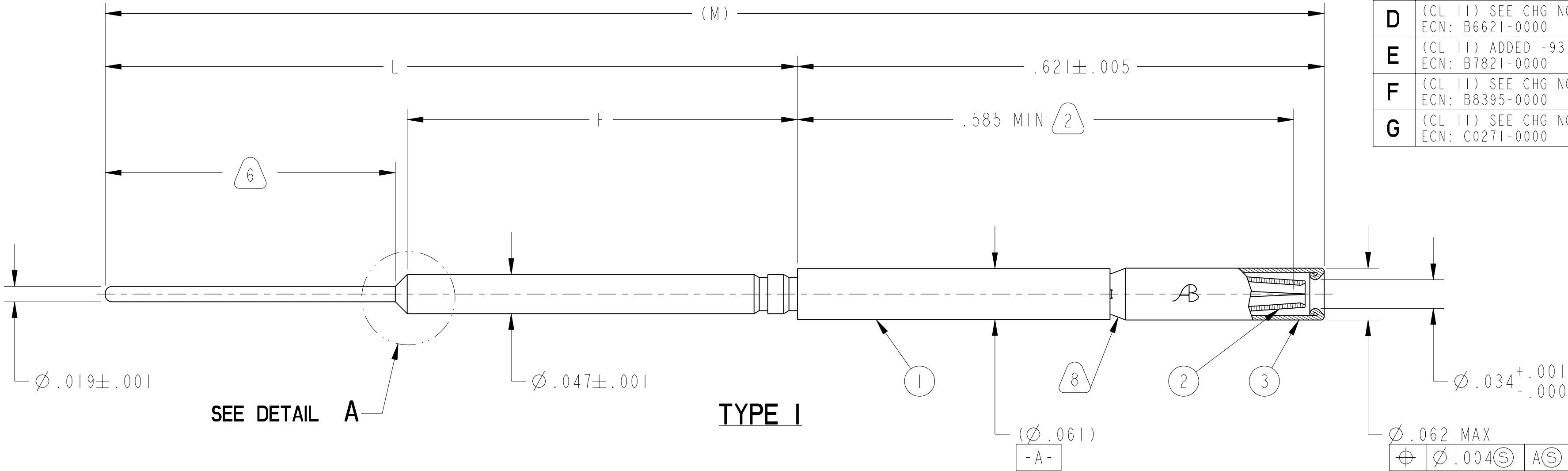


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|------|--------------|---------------------------------------------|----------|
|      |              | LTR                                         | DATE     |
| A    |              | INITIAL RELEASE                             | 1/25/10  |
| B    |              | (CL 11) SEE CHG NOTICE<br>ECN: B1963-0000   | 12/12/11 |
| C    |              | (CL 11) SEE CHG NOTICE<br>ECN: B5923-0000   | 6/14/13  |
| D    |              | (CL 11) SEE CHG NOTICE<br>ECN: B6621-0000   | 1/22/14  |
| E    |              | (CL 11) ADDED -93 & -094<br>ECN: B7821-0000 | 2/26/14  |
| F    |              | (CL 11) SEE CHG NOTICE<br>ECN: B8395-0000   | 4/30/14  |
| G    |              | (CL 11) SEE CHG NOTICE<br>ECN: C0271-0000   | 4/18/16  |



8 CRIMP SLEEVE AND SPRING TIGHTLY TO BODY PER 9-9383. A 15 POUND AXIAL LOAD SHALL NOT DISLODGE SPRING. SLEEVE SHALL WITHSTAND A .4 IN-OZ TORQUE WITHOUT SPINNING.

7. SPECIFIED GENERAL TOLERANCES:

|            |
|------------|
| $\pm .005$ |
|------------|

6 INDICATED AREA MEETS THE SOLDERABILITY REQUIREMENTS OF MIL-STD-202, METHOD 208.

5. MEETS THE APPLICABLE REQUIREMENTS OF M39029/56.

4. ALL DIMENSIONS ARE AFTER PLATING.

3. PROCESS SPEC:  
ASSY 9-9383  
TEST 9-5272-16

2 INDICATED DIMENSION TO BE FROM SHOULDER TO POINT OF ENGAGEMENT OF SPRING AND A.0300±.0002 DIAMETER SQUARE ENDED PIN.

1. A.0305+.0002-.0000 DIA HARDENED STEEL PIN SHALL ENGAGE SOCKET WITH A FORCE NOT GREATER THAN 9.5 OZ. A .0295+.0000-.0002 DIAMETER HARDENED STEEL PIN SHALL DISENGAGE SOCKET WITH A FORCE NOT LESS THAN 1.25 OZ. DEPTH OF ENGAGEMENT OF PINS SHALL BE .116 MIN. FROM FRONT OF CONTACT. PINS SHALL HAVE A SPHERICAL TIP AND A 3/ FINISH.

NOTES:

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N/A

NEXT ASSEMBLY

| PRO/ENGINEER INFORMATION |                 |
|--------------------------|-----------------|
| Pro/e Model Used:        | 10-597878.ASSEM |
| Drawing Name:            | 10-597878       |

10. SOCKET SPRING TINES (ITEM 2) ARE GOLD PLATED PER AS39029 REQUIREMENTS.

9 TO COMPLETE PART NUMBER, ADD APPLICABLE SUFFIX DIGIT FOR CONTACT BODY FINISH

SUFFIX DIGIT

I  
5  
D

FINISH  
GOLD 20-30 MICROINCHES  
GOLD 9-7362-5  
GOLD 9-7362-D

| UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                                                                      | SPECIFICATIONS              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| LINEAR DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>.XXXX = ±.0005 ANGLES= ±2°<br>.XXX = ±.010<br>.XX = ±.03<br>.X = ±.1<br>-----<br>DIM.& TOL. PER ASME Y14.5M;<br>DRM PER MIL-DTL-31000;<br>OTHER Amphenol Sds. PER 9-3800<br>LEGENDS:<br>=FLAG NOTE CALL OUT<br>REFERENCE ONLY | MATERIAL SPEC.<br>N/A       |
|                                                                                                                                                                                                                                                                                 | PROCESS SPEC.<br>SEE NOTE 3 |
|                                                                                                                                                                                                                                                                                 |                             |

| 3   | I   | 10-407914-22B | SLEEVE       | 8    |
|-----|-----|---------------|--------------|------|
| 2   | I   | 10-597871-725 | SPRING       | 8    |
| I   | I   | 10-597879-( ) | CONTACT BODY |      |
| POS | QTY | PART NUMBER   | DESCRIPTION  | NOTE |

| PARTS LIST                            |           |                    |                                                                               |              |
|---------------------------------------|-----------|--------------------|-------------------------------------------------------------------------------|--------------|
| APPROVALS                             |           | DATE               | AMPHENOL CORPORATION<br>40-60 DELAWARE AVENUE<br>SIDNEY, N.Y. 13838           |              |
| PREPARED BY HTANG                     |           | 20-Feb-09          |                                                                               |              |
| ENGINEER IN CHARGE LRATCHFORD         |           |                    |                                                                               |              |
| DESIGN MANAGER HJOHNSON               |           |                    |                                                                               |              |
| DESIGN ACTIVITY GROUP MIL-AER DEVELOP |           |                    |                                                                               |              |
| THIRD ANGLE PROJECTION                |           |                    | CONTACT, SOCKET,<br>ELECTRICAL CONNECTOR<br>SIZE 22D, TYPE LJT-R, HYBRID, PCB |              |
| SIZE                                  | CAGE CODE | DOCUMENT NO.       |                                                                               | REV.         |
| C                                     | 77820     | 10-597878-( )      |                                                                               | G            |
| SCALE: 10.0                           |           | REF. 10-597872-451 |                                                                               | SHEET 1 OF 4 |

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| ASSEMBLY NUMBER | BODY            | F                                       | L                                       | (M)   | TYPE |
|-----------------|-----------------|-----------------------------------------|-----------------------------------------|-------|------|
| 10-597878-01( ) | 10-597879-01( ) | .460 <sup>+.000</sup> <sub>-.015</sub>  | .816±.005                               | 1.439 | I    |
| 10-597878-02( ) | 10-597879-02( ) | 1.123 <sup>+.000</sup> <sub>-.015</sub> | 1.393±.005                              | 2.016 |      |
| 10-597878-03( ) | 10-597879-03( ) | .460 <sup>+.000</sup> <sub>-.015</sub>  | .873±.005                               | 1.496 |      |
| 10-597878-04( ) | 10-597879-04( ) | .460 <sup>+.000</sup> <sub>-.015</sub>  | .733±.005                               | 1.356 |      |
| 10-597878-05( ) | 10-597879-05( ) | .460 <sup>+.000</sup> <sub>-.015</sub>  | 1.031±.005                              | 1.654 |      |
| 10-597878-06( ) | 10-597879-06( ) | 1.000 <sup>+.000</sup> <sub>-.015</sub> | 1.393±.005                              | 2.016 |      |
| 10-597878-07( ) | 10-597879-07( ) | .460 <sup>+.000</sup> <sub>-.015</sub>  | .671±.005                               | 1.294 |      |
| 10-597878-08( ) | 10-597879-08( ) | .460 <sup>+.000</sup> <sub>-.015</sub>  | .768±.005                               | 1.391 |      |
| 10-597878-09( ) | 10-597879-09( ) | .525 <sup>+.000</sup> <sub>-.015</sub>  | .700±.005                               | 1.323 |      |
| 10-597878-10( ) | 10-597879-10( ) | .460 <sup>+.000</sup> <sub>-.015</sub>  | .553±.005                               | 1.176 |      |
| 10-597878-11( ) | 10-597879-11( ) | .460 <sup>+.000</sup> <sub>-.015</sub>  | 1.091±.005                              | 1.714 |      |
| 10-597878-12( ) | 10-597879-12( ) | .525 <sup>+.000</sup> <sub>-.015</sub>  | .665±.005                               | 1.288 |      |
| 10-597878-13( ) | 10-597879-13( ) | .840±.005                               | 1.090±.005                              | 1.713 |      |
| 10-597878-14( ) | 10-597879-14( ) | .900 <sup>+.000</sup> <sub>-.015</sub>  | 1.139 <sup>+.000</sup> <sub>-.015</sub> | 1.762 |      |
| 10-597878-15( ) | 10-597879-15( ) | .460±.005                               | .948±.005                               | 1.571 |      |

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| ASSEMBLY NUMBER | BODY            | F                                       | L          | (M)   | TYPE |
|-----------------|-----------------|-----------------------------------------|------------|-------|------|
| 10-597878-16( ) | 10-597879-16( ) | .340±.005                               | .453±.005  | 1.076 | I    |
| 10-597878-17( ) | 10-597879-17( ) | 1.200 <sup>+.000</sup> <sub>-.015</sub> | 2.392±.005 | 3.015 |      |
| 10-597878-18( ) | 10-597879-18( ) | .280 <sup>+.000</sup> <sub>-.015</sub>  | .585±.005  | 1.208 |      |
| 10-597878-19( ) | 10-597879-19( ) | .303±.005                               | .454±.003  | 1.077 |      |
| 10-597878-20( ) | 10-597879-20( ) | 1.123 <sup>+.000</sup> <sub>-.015</sub> | 1.427±.005 | 2.050 |      |
| 10-597878-21( ) | 10-597879-21( ) | .275±.003                               | .477±.005  | 1.100 | I    |
| 10-597878-22( ) | 10-597879-22( ) | .439±.010                               | .590±.005  | 1.213 |      |
| 10-597878-23( ) | 10-597879-23( ) | .485±.005                               | .739±.003  | 1.362 |      |
| 10-597878-24( ) | 10-597879-24( ) | .415±.007                               | .790±.003  | 1.413 |      |
| 10-597878-25( ) | 10-597879-25( ) | .729±.003                               | .953±.005  | 1.576 |      |
| 10-597878-26( ) | 10-597879-26( ) | .486 <sup>+.000</sup> <sub>-.015</sub>  | 1.048±.010 | 1.671 | I    |
| 10-597878-27( ) | 10-597879-27( ) | .525 <sup>+.000</sup> <sub>-.015</sub>  | 1.102±.003 | 1.725 |      |
| 10-597878-28( ) | 10-597879-28( ) | .621±.005                               | .801±.005  | 1.424 | I    |
| 10-597878-29( ) | 10-597879-29( ) | .876±.005                               | 1.073±.005 | 1.696 |      |
| 10-597878-30( ) | 10-597879-30( ) | .590±.003                               | .690±.002  | 1.313 |      |

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## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

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### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

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