

REV. B

AS81714™/23

FEDERAL SUPPLY CLASS  
5940

RATIONALE

REVISION IS REQUIRED TO RE-WRITE THE REQUIREMENTS/NOTES SECTION TO MOVE THE REQUIREMENTS THAT ARE CURRENTLY LISTED IN THE NOTES SECTION TO THE REQUIREMENTS SECTION AND CHANGE THE DOCUMENT REFERENCES TO ALIGN WITH THE NEW PARAGRAPH NUMBERS, TO CORRECT THE PART NUMBER EXAMPLE FORMAT, TO ADD A METRIC EQUIVALENT TABLE FOR FIGURES 1 AND 2 AND TO REMOVE THE MILITARY PART NUMBER REFERENCE FROM FIGURES 1 AND 2.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81714.

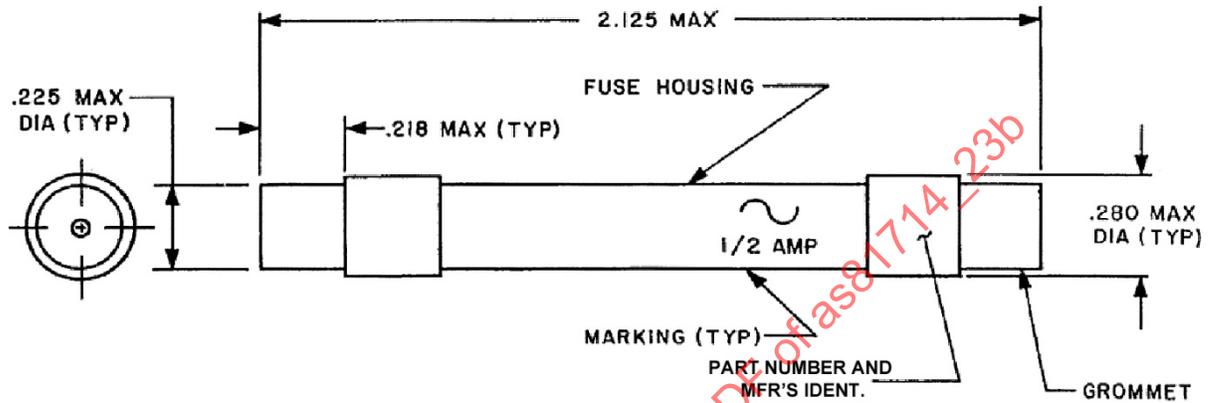


FIGURE 1 - STYLE 1 IN-LINE JUNCTION FUSE (REF TABLE 2)

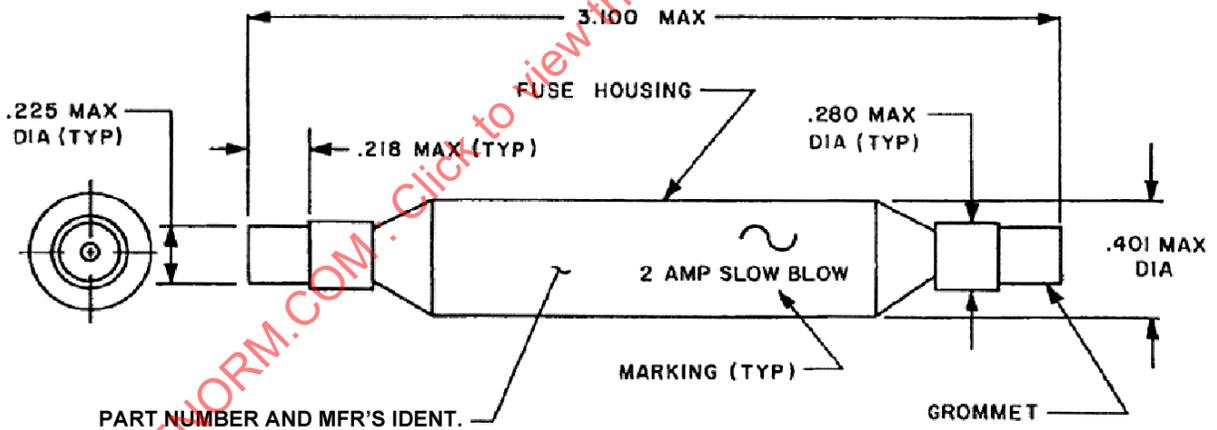
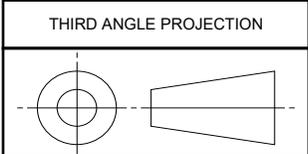


FIGURE 2 - STYLE 2 IN-LINE JUNCTION FUSE (REF TABLE 3)

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS81714/23B>



CUSTODIAN: AE-8/AE-8C2

PROCUREMENT SPECIFICATION: AS81714



**AEROSPACE STANDARD**

(R) TERMINAL JUNCTION SYSTEM, TERMINAL JUNCTION BLOCKS, ELECTRONIC, IN-LINE JUNCTIONS, INTEGRAL FUSE, SERIES I

AS81714™/23  
SHEET 1 OF 3

REV. B

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ISSUED 2001-07 REAFFIRMED 2016-08 REVISED 2021-10

**TABLE 1 - FIGURES 1 AND 2 ENGLISH TO METRIC CONVERSION UNIT INFORMATION**

|      |      |       |       |
|------|------|-------|-------|
| INCH | MM   | INCH  | MM    |
| .218 | 5.54 | .401  | 10.19 |
| .225 | 5.72 | 2.125 | 53.98 |
| .280 | 7.11 | 3.100 | 78.74 |

**TABLE 2 - STYLE 1 PART NUMBERS 1/**

| PART NUMBER 2/ 3/ | FUSE RATING |       | CONTACT |              |
|-------------------|-------------|-------|---------|--------------|
|                   | AMPS        | VOLTS | SIZE    | PART NUMBER  |
| M81714/23-1*001   | 1/16        | 125   | 20      | M39029/1-101 |
| M81714/23-1*002   | 1/8         | 125   | 20      | M39029/1-101 |
| M81714/23-1*003   | 1/4         | 125   | 20      | M39029/1-101 |
| M81714/23-1*004   | 3/8         | 125   | 20      | M39029/1-101 |
| M81714/23-1*005   | 1/2         | 125   | 20      | M39029/1-101 |
| M81714/23-1*006   | 3/4         | 125   | 20      | M39029/1-101 |
| M81714/23-1*007   | 1           | 125   | 20      | M39029/1-101 |
| M81714/23-1*008   | 1-1/2       | 125   | 20      | M39029/1-101 |
| M81714/23-1*009   | 2           | 125   | 20      | M39029/1-101 |
| M81714/23-1*010   | 2-1/2       | 125   | 20      | M39029/1-101 |
| M81714/23-1*011   | 3           | 125   | 20      | M39029/1-101 |
| M81714/23-1*012   | 3-1/2       | 125   | 20      | M39029/1-101 |
| M81714/23-1*013   | 4           | 125   | 20      | M39029/1-101 |
| M81714/23-1*014   | 5           | 125   | 20      | M39029/1-101 |
| M81714/23-1*015   | 7           | 125   | 20      | M39029/1-101 |
| M81714/23-1*016   | 10          | 125   | 20      | M39029/1-101 |

1/ STYLE 1 FUSE IN ACCORDANCE WITH MIL-PRF-23419, TYPE FM04.

2/ SEE PART NUMBER EXPLANATION, REQUIREMENT 5.

3/ SEE APPLICATION NOTE 1 (CLASS D).

\* = CLASS

**TABLE 3 - STYLE 2 PART NUMBERS 1/**

| PART NUMBER 2/ 3/ | FUSE RATING 2/ |       | CONTACT |              |
|-------------------|----------------|-------|---------|--------------|
|                   | AMPS           | VOLTS | SIZE    | PART NUMBER  |
| M81714/23-2*001   | 1/16           | 125   | 20      | M39029/1-101 |
| M81714/23-2*002   | 1/8            | 125   | 20      | M39029/1-101 |
| M81714/23-2*003   | 1/4            | 125   | 20      | M39029/1-101 |
| M81714/23-2*004   | 3/8            | 125   | 20      | M39029/1-101 |
| M81714/23-2*005   | 1/2            | 125   | 20      | M39029/1-101 |
| M81714/23-2*006   | 3/4            | 125   | 20      | M39029/1-101 |
| M81714/23-2*007   | 1              | 125   | 20      | M39029/1-101 |
| M81714/23-2*008   | 1-1/2          | 125   | 20      | M39029/1-101 |
| M81714/23-2*009   | 2              | 125   | 20      | M39029/1-101 |
| M81714/23-2*010   | 2-1/2          | 125   | 20      | M39029/1-101 |
| M81714/23-2*011   | 3              | 125   | 20      | M39029/1-101 |
| M81714/23-2*012   | 3-1/2          | 125   | 20      | M39029/1-101 |
| M81714/23-2*013   | 4              | 125   | 20      | M39029/1-101 |
| M81714/23-2*014   | 5              | 125   | 20      | M39029/1-101 |
| M81714/23-2*015   | 7              | 125   | 20      | M39029/1-101 |
| M81714/23-2*016   | 10             | 125   | 20      | M39029/1-101 |

1/ STYLE 2 FUSE IN ACCORDANCE WITH MIL-PRF-15160, TYPE F03B.

2/ SEE PART NUMBER EXPLANATION, REQUIREMENT 5.

3/ SEE APPLICATION NOTE 1 (CLASS D).

\* = CLASS