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SAE AS81714/30

RATIONALE

FEDERAL SUPPLY CLASS
5940

AS81714/30 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

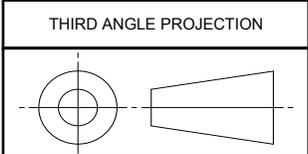
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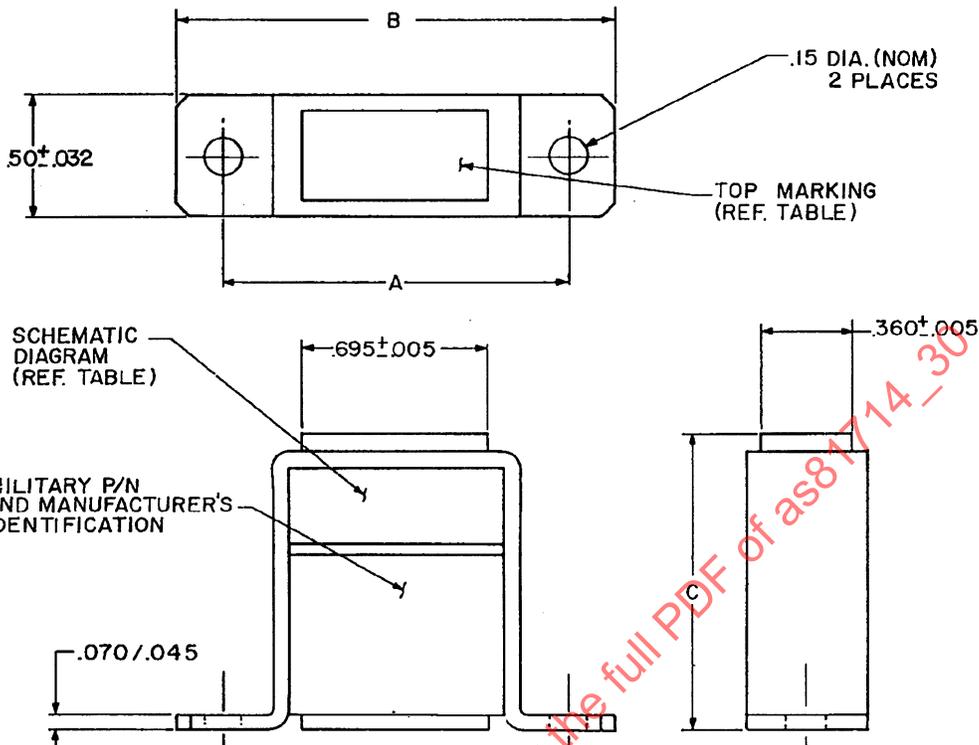
AEROSPACE STANDARD

TERMINAL JUNCTION SYSTEM, TERMINAL JUNCTION BLOCKS, MODULES, ELECTRONIC, FEEDBACK TYPE, SIZES 20-3, 20-4, 20-5 VERTICAL MOUNTING WITH INTEGRAL BRACKET. BLOCK MOUNTING. SERIES I

SAE AS81714/30
SHEET 1 OF 5

ISSUED 2001-07 REAFFIRMED 2012-01

THE COMPLETE REQUIREMENTS FOR ACQUIRING THE BLOCKS DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF SPECIFICATION MIL-T-81714.



| Dimensions | | | | Inch | mm | Inch | mm | Inch | mm |
|------------|----------|----------|-------|-------|------|-------|-------|-------|-------|
| Size | A ± .010 | B ± .032 | C Max | | | | | | |
| 20-3 | 1.35 | 1.75 | 1.015 | 0.010 | 0.25 | 0.150 | 3.81 | 1.310 | 33.27 |
| 20-4 | 1.35 | 1.75 | 1.310 | 0.029 | 0.74 | 0.360 | 9.14 | 1.350 | 34.29 |
| 20-5 | 1.50 | 1.88 | 1.310 | 0.032 | 0.81 | 0.500 | 12.70 | 1.500 | 38.10 |
| | | | | 0.035 | 0.89 | 0.695 | 17.65 | 1.750 | 44.45 |
| | | | | 0.060 | 1.52 | 1.015 | 25.78 | 1.880 | 47.75 |

Sizes 20-* electronic blocks vertical mounting with integral bracket.

TABLE I.

| Part Number <u>1/</u> <u>2/</u> | Consists of Block and | |
|---------------------------------|-----------------------|----------------------------|
| | Contacts Part Number | End Seal Plugs Part Number |
| M81714/4-*** | M39029/1-101 | MS27488-20 |

*** Bussing Arrangement.

1/ See Note 5.

2/ See Note 6.

TABLE I. DASH NUMBERS FOR BLOCKS WITH DIODES.

| Dash No. | Size | Figure | Quantity | Part Number | Specification No. |
|----------|------|--------|----------|---------------|-------------------|
| -001 | 20-3 | 3 | 2 | JAN TX IN5618 | MIL-S-19500/427 |
| -002 | 20-4 | 3 | 2 | JAN TX IN5552 | MIL-S-19500/420 |
| -003 | 20-4 | 1 | 5 | JAN TX IN5618 | MIL-S-19500/427 |
| -004 | 20-4 | 1 | 5 | JAN TX IN5552 | MIL-S-19500/420 |
| -005 | 20-5 | 2 | 6 | JAN TX IN5618 | MIL-S-19500/427 |
| -006 | 20-5 | 2 | 6 | JAN TX IN5552 | MIL-S-19500/420 |

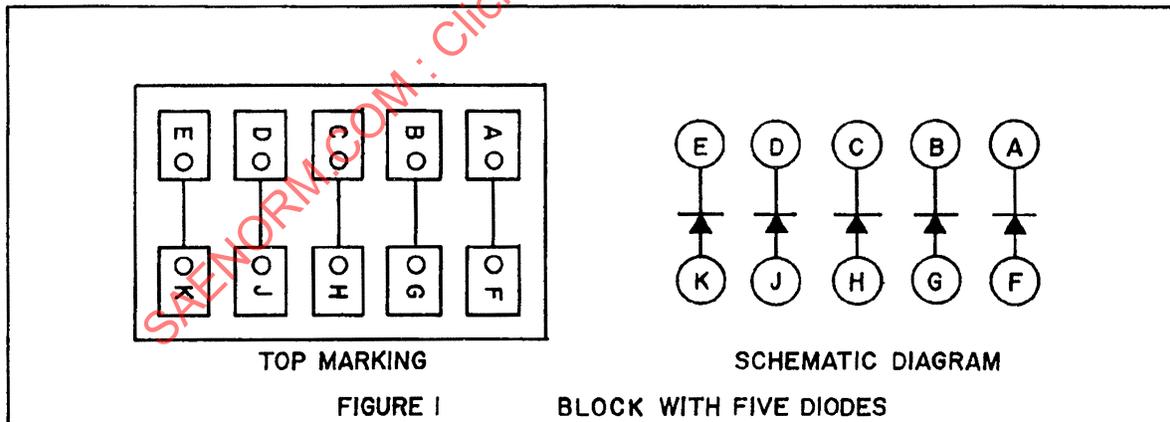


FIGURE 1. BLOCK WITH FIVE DIODES.

