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REV.
A

AS81714™/26

RATIONALE

REVISION IS REQUIRED TO CLARIFY DRAWINGS, UPDATE REFERENCES, UPDATE GOVERNMENT RELATED TERMINOLOGY, AND ADDRESS TECHNICAL REQUIREMENTS AS NEEDED.

AS81714/26A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

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

FEDERAL SUPPLY CLASS
5940

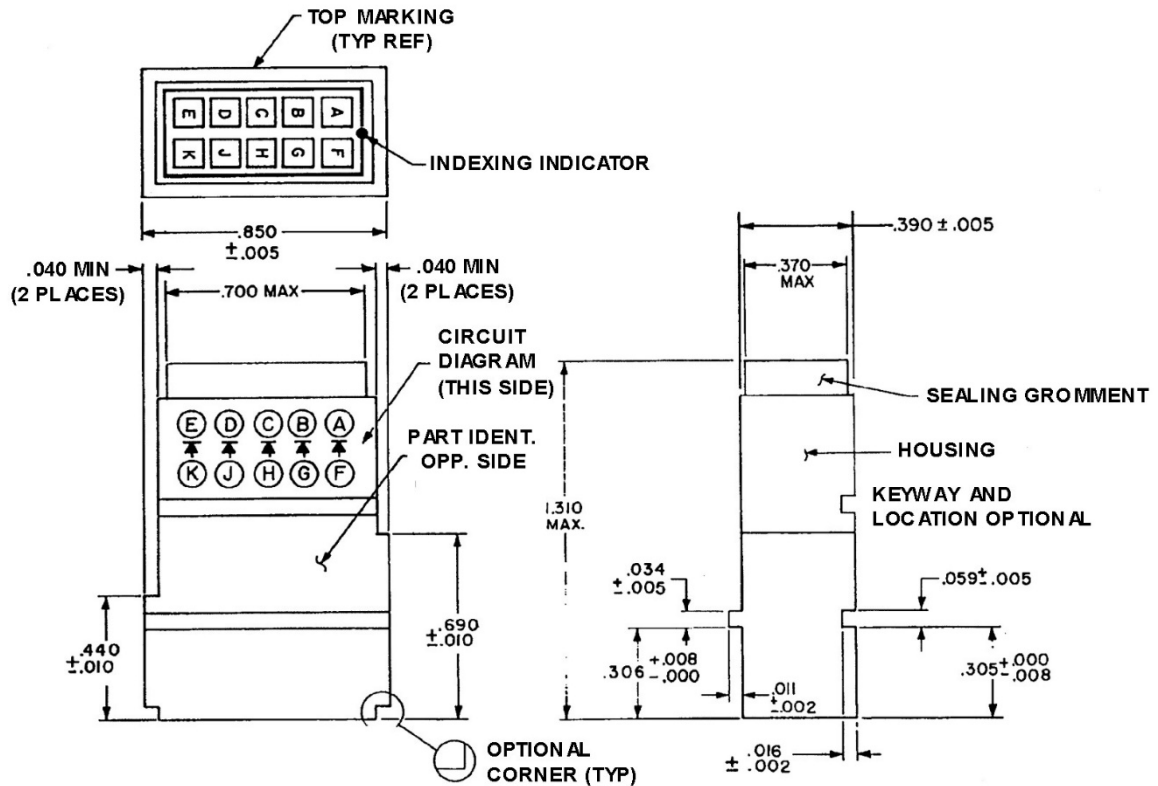


FIGURE 1 - TERMINAL JUNCTION ELECTRONIC BLOCK, SERIES 1 - CONTACT SIZE 16-20

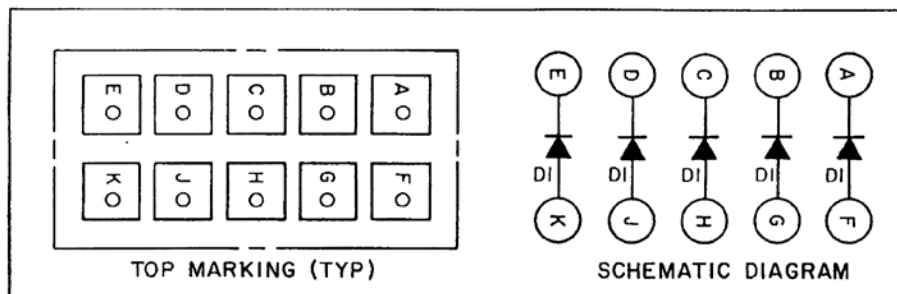
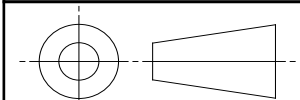


FIGURE 1A - AS81714/26 BUSSING ARRANGEMENT FOR FIVE INDIVIDUAL DIODES (SEE FIGURE 1)

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81714/26A/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C2

PROCUREMENT SPECIFICATION: AS81714



AEROSPACE STANDARD
(R) TERMINAL JUNCTION SYSTEM,
TERMINAL JUNCTION BLOCKS, SECTIONAL MODULES,
ELECTRONIC, DIODE, FEEDBACK TYPE,
SIZE 20 SERIES I

AS81714™/26
SHEET 1 OF 3

REV.
A

Documents

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TABLE 1 – AS81714/26 DASH NUMBERS FOR VARIOUS DIODE CONFIGURATIONS (REFERENCE D1) IN FIGURE 1A

AS81714/26 DASH NO. <u>1/</u>	DIODE PART NUMBER	SPECIFICATION NUMBER.
-001	TX IN5618	MIL-PRF-19500/427
-002	TX IN5552	MIL-PRF-19500/420

1/ SEE FIGURE 1 FOR CONFIGURATION AND 1A FOR TOP MARKING AND CIRCUIT SCHEMATIC DIAGRAM (REFERENCE R1).

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81714.

CONFIGURATION:

1. DIMENSIONS SHALL BE IN INCHES AND TOLERANCES AS SPECIFIED. METRIC EQUIVALENTS (TO THE NEAREST 0.01 MM) IN TABLE 2 ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 MM.
2. TERMINAL BLOCK SHALL BE CONFIGURED IN ACCORDANCE WITH FIGURE 1 AND BUSSING ARRANGEMENT IN FIGURE 1A (SEE PART IDENTIFICATION NUMBER).
3. CONTACT SOCKETS FOR ALL GROMMET CAVITIES SHALL BE IN ACCORDANCE WITH AS81714 AND INTERNALLY CONNECTED TO ALL CONTACT SOCKETS AND ELECTRONIC COMPONENTS IN EACH BUSSING INDICATOR SHOWN IN FIGURE 1A (I.E., CONTACTS SOCKETS A AND F, ETC., ARE CONNECTED TO EACH END OF THE DIODE (D1).
4. THE CONTACT MATING END RETENTION SYSTEM AND GROMMET WIRE SEALING SHALL BE IN ACCORDANCE WITH AS81714.
5. ELECTRONIC COMPONENTS SHALL MEET THE SPECIFICATION REQUIREMENTS LISTED TABLE 1.

MATERIALS:

1. TERMINAL BLOCK AND INTERNAL PARTS SHALL BE IN ACCORDANCE WITH AS81714.

MARKING:

1. TERMINAL BLOCK BODY SHALL BE BLACK AND GROMMET SHALL BE BLUE.
2. PART IDENTIFICATION NUMBER (PIN)

<u>M81714</u>	<u>/26-</u>	<u>D</u>	<u>***</u>
			I-- BUSSING ARRANGEMENT DESIGNATOR (SEE FIGURE 1A)
			I----- MODULE CLASS D
			I----- DETAIL SPECIFICATION NUMBER (SERIES 1)
			I----- BASIC PART NUMBER INDICATOR

	AEROSPACE STANDARD	AS81714™/26 SHEET 2 OF 3	REV. A
	(R) TERMINAL JUNCTION SYSTEM, TERMINAL JUNCTION BLOCKS, SECTIONAL MODULES, ELECTRONIC, DIODE, FEEDBACK TYPE, SIZE 20 SERIES I		



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