

REV.
A

AS81714™/10

FEDERAL SUPPLY CLASS
5940

RATIONALE

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

AS81714/10A 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.

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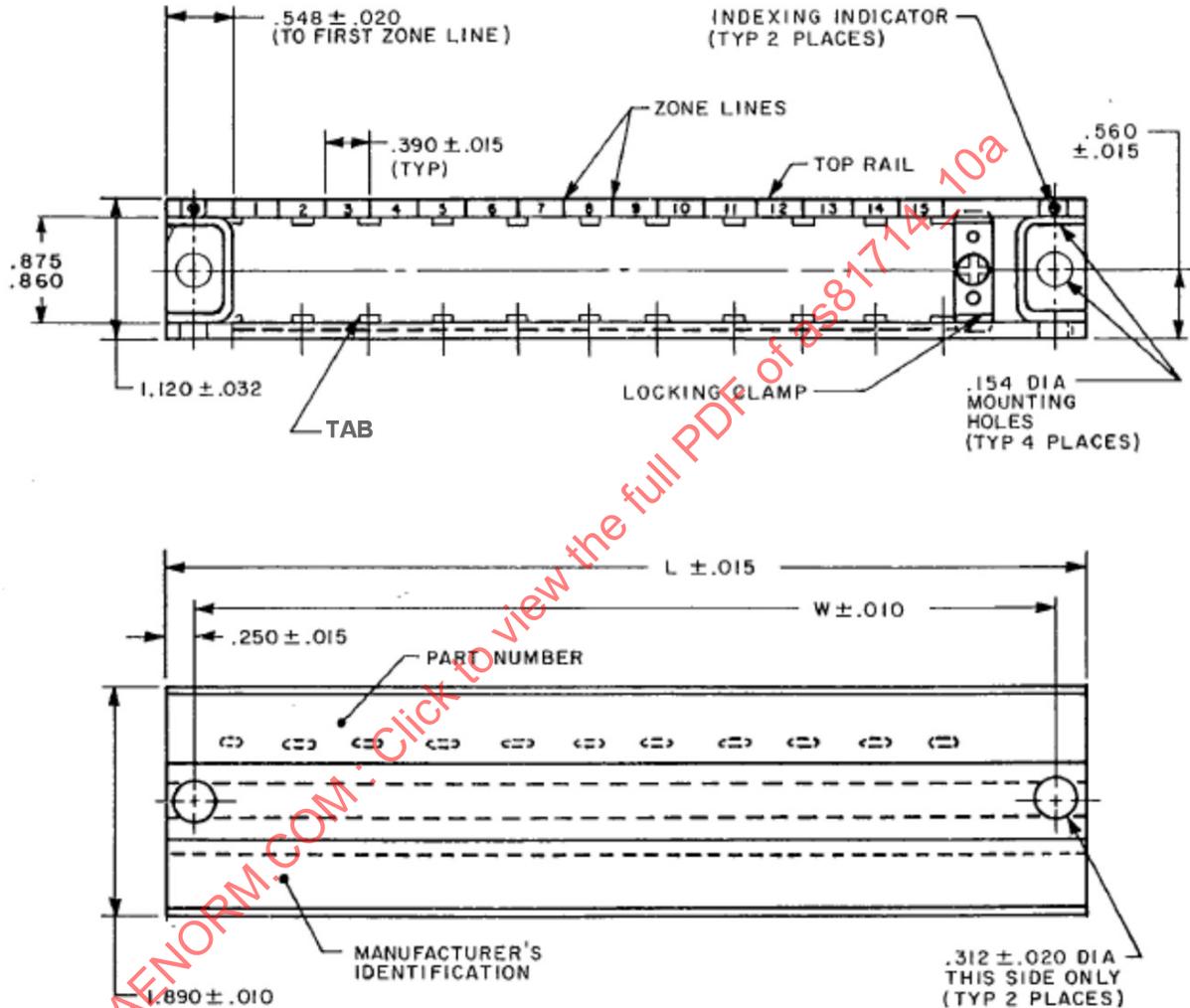
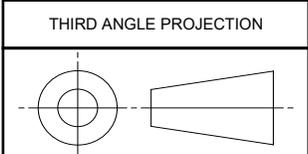


FIGURE 1 – AS81714/10 FEED THRU MODULE RACK

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81714/10A/>



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS81714



AEROSPACE STANDARD

(R) TERMINAL JUNCTION SYSTEM,
RACK ASSEMBLY,
TRACK FEED THRU TYPE, SERIES

AS81714™/10
SHEET 1 OF 4

REV.
A

ISSUED 2000-03 REVISED 2017-07 REAFFIRMED 2022-07

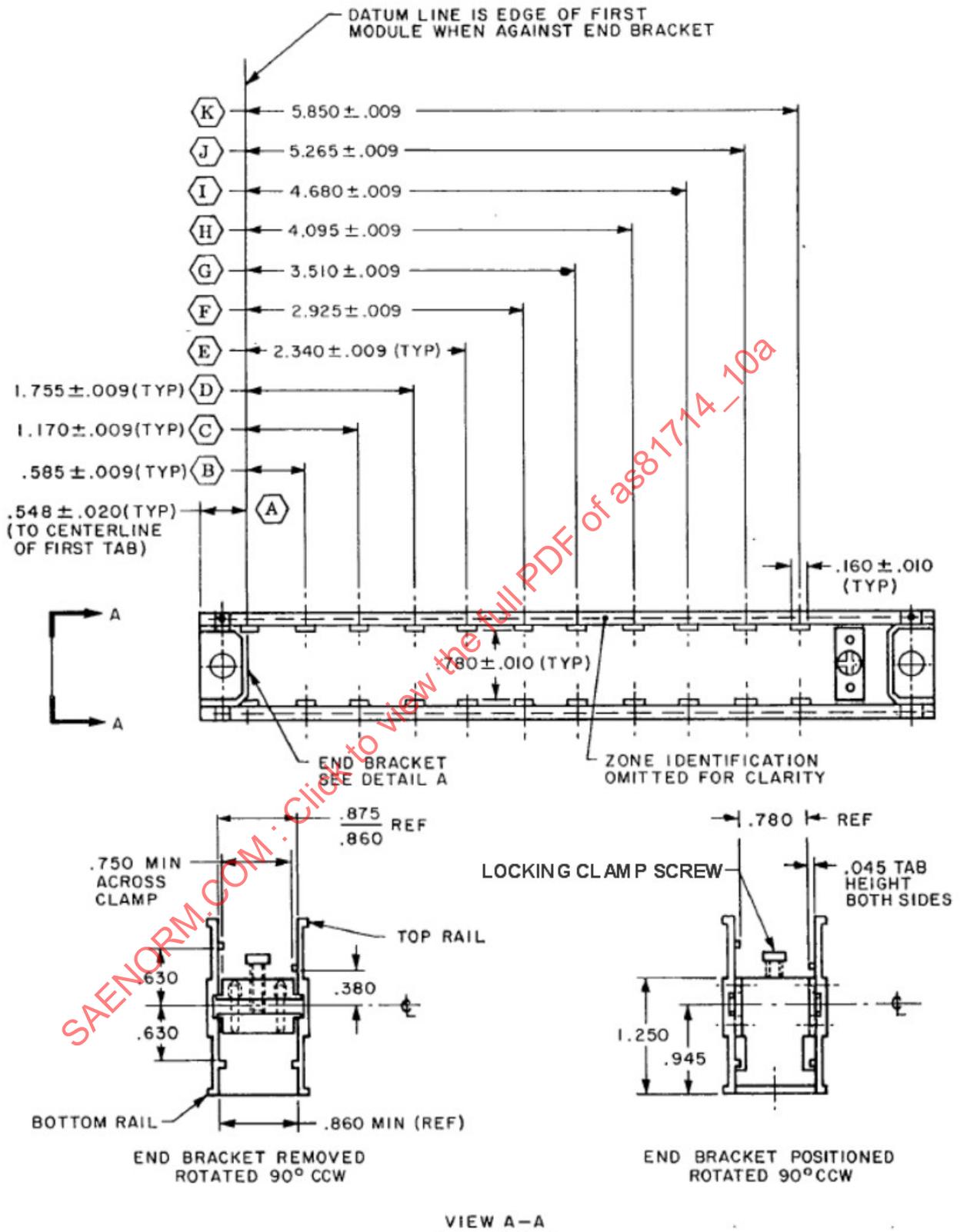


FIGURE 1 (CONTINUED) - AS81714/10 FEED THRU MODULE RACK

	AEROSPACE STANDARD (R) TERMINAL JUNCTION SYSTEM, RACK ASSEMBLY, TRACK FEED THRU TYPE, SERIES	AS81714™/10 SHEET 2 OF 4	REV. A

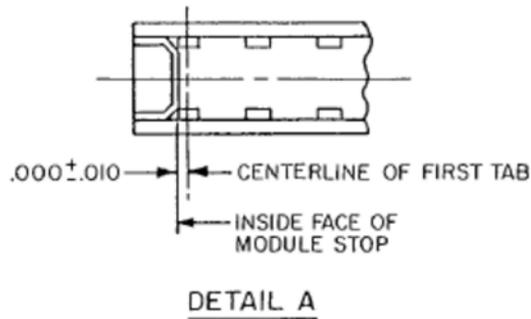


FIGURE 1 (CONTINUED) - AS81714/10 FEED THRU MODULE RACK

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

CONFIGURATION

- DIMENSIONS BE SHALL IN INCHES AND TOLERANCES WITHIN $\pm .005$ INCH AS SPECIFIED IN FIGURE 1 AND TABLE 1. 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.

TABLE 1 – CONFIGURATION AND DIMENSIONS

DASH NUMBER	NUMBER OF MODULES ^{1/}	L	W	TAB LOCATIONS 
1	10	5.551	5.051	A THRU G
2	3	2.821	2.321	A THRU C
3	4	3.211	2.711	A THRU C
4	5	3.601	3.101	A THRU D
5	6	3.991	3.491	A THRU E
6	7	4.381	3.881	A THRU E
7	8	4.771	4.271	A THRU F
8	9	5.161	4.661	A THRU G
9	11	5.941	5.441	A THRU H
10	12	6.331	5.831	A THRU I
11	13	6.721	6.221	A THRU I
12	14	7.111	6.611	A THRU J
13	15	7.501	7.001	A THRU K

^{1/} NUMBER OF FEED THRU MODULES APPLY TO CONTACT SIZES 22D, 22, 20, AND 16 THE NUMBER OF SIZE 12 MODULES IS THE NUMBER SHOWN DIVISIBLE BY 3.

- FEED THRU MODULE RACKS SHALL BE CONFIGURED IN ACCORDANCE WITH FIGURE 1 (SEE PART IDENTIFICATION NUMBER).
- LOCKING CLAMP SHALL BE DESIGNED TO BE PERMANENTLY RETAINED IN RACK. THE LOCKING CLAMP SCREW SHALL BE CROSS RECESSED IN ACCORDANCE WITH NASM9006, 8-32UNC-2A X .500, CORROSION-RESISTANT STEEL, PASSIVATED, SELF-LOCKING OR EQUIVALENT.
- RACK SHALL BE FREE OF ALL BURRS AND SHARP EDGES SHALL BE .015R MAX.

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