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REV.
A

AS81714™/10

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.

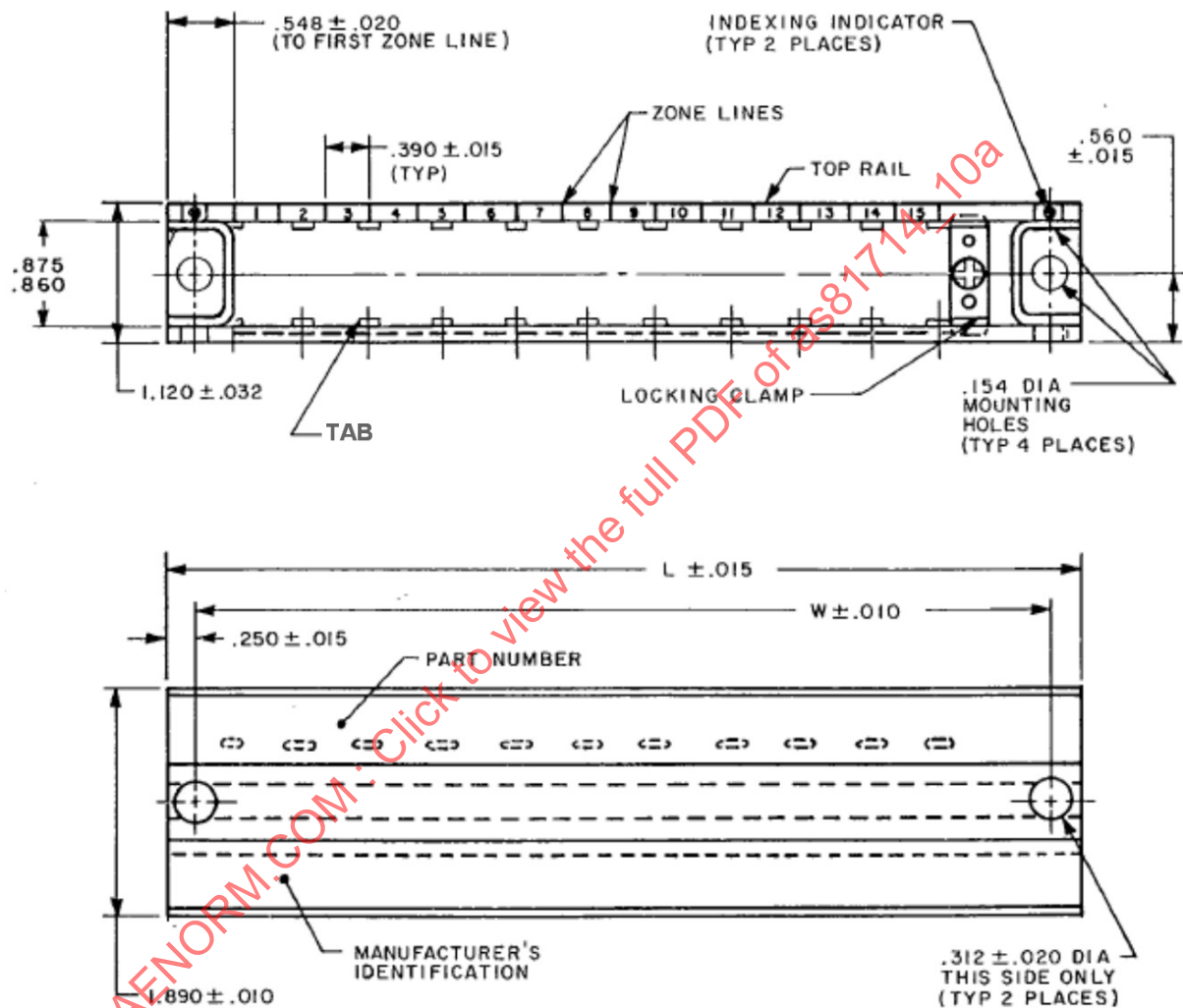
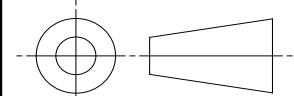


FIGURE 1 – AS81714/10 FEED THRU MODULE RACK

For more information on this standard, visit

<https://www.sae.org/standards/content/AS81714/10A/>

THIRD ANGLE PROJECTION



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

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

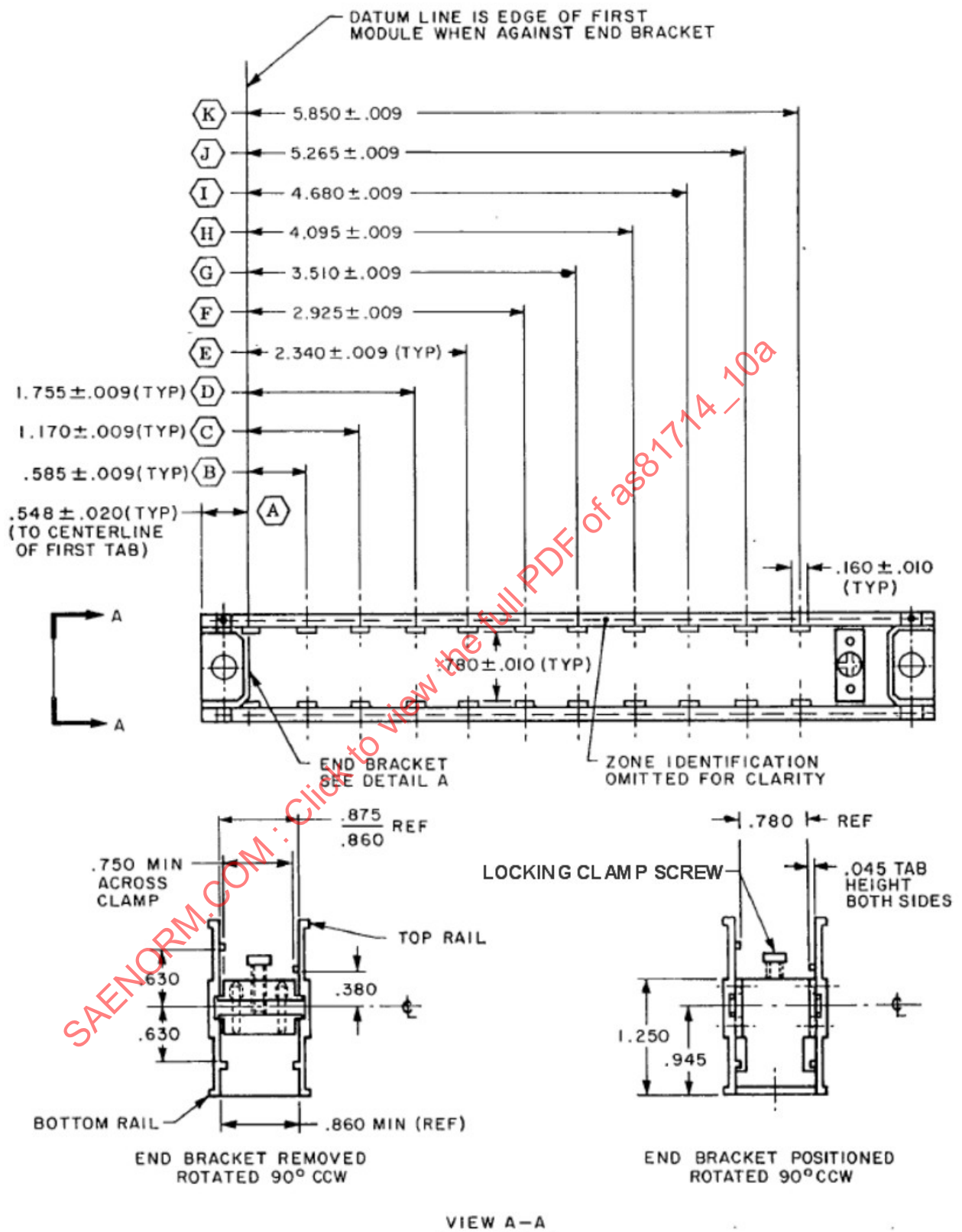


FIGURE 1 (CONTINUED) - AS81714/10 FEED THRU MODULE RACK

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

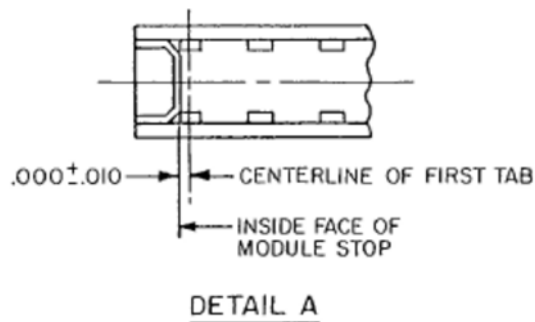


FIGURE 1 (CONTINUED) - AS81714/10 FEED THRU MODULE RACK

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

CONFIGURATION

1. 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.

2. FEED THRU MODULE RACKS SHALL BE CONFIGURED IN ACCORDANCE WITH FIGURE 1 (SEE PART IDENTIFICATION NUMBER).
3. 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.
4. RACK SHALL BE FREE OF ALL BURRS AND SHARP EDGES SHALL BE .015R MAX.