

RATIONALE

AS81714/27 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

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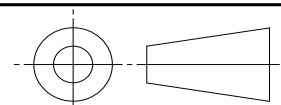
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C2

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

TERMINAL JUNCTION SYSTEM, TERMINAL JUNCTION BLOCKS, SECTIONAL, GROUNDING MODULES, STUD TYPE MOUNTING, SERIES I

SAE AS81714/27
SHEET 1 OF 7

ISSUED 2001-07 REAFFIRMED 2013-04

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

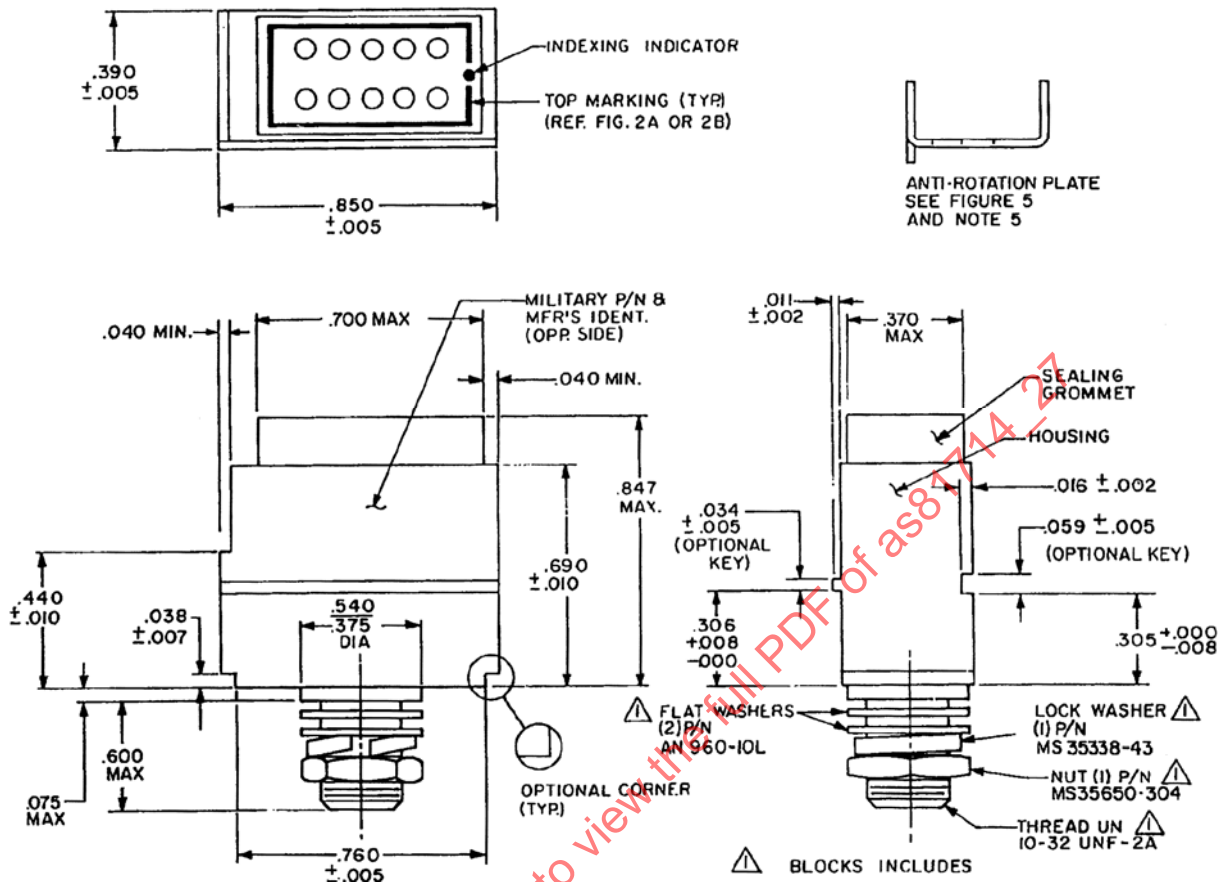


FIGURE 1. GROUNDING BLOCKS, SIZES 22D, 22 AND 20.

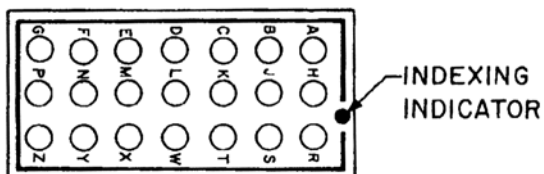


FIG. 2A.
SIZE. 22HD

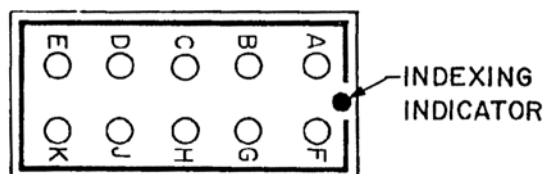


FIG. 2B.
SIZE. 22 & 20

FIGURE 2. TOP MARKING.

TABLE I. PART NUMBERS.

Part Number 1/ 2/	Consists of Block and:		Inserting/ Removal Tool (See Note 2) Part Number
	Contacts Part Number	End Seal Plugs Part Number	
M81714/27-*22HD	M39029/1-507	MS27488-22	M81969/14-01 or M81969/1-04
M81714/27-*22	M39029/1-100	MS27488-20	M81969/14-02
M81714/27-*20	M39029/1-101	MS27488-20	M81969/14-02
M81714/27-*16	M39029/1-102	MS27488-16	M81969/14-03
M81714/27-*12	M39029/1-103	MS27488-12	M81969/14-04

1/ See Note 5.

2/ See Note 6.

Inch	mm	Inch	mm	Inch	mm	Inch	mm
.002	0.05	.040	0.97	.351	8.89	.752	19.10
.005	0.13	.045	1.02	.365	9.27	.760	19.30
.007	0.18	.059	1.14	.370	9.40	.835	21.21
.008	0.20	.075	1.50	.375	9.53	.847	21.51
.010	0.25	.090	1.91	.390	9.91	.850	21.59
.011	0.28	.100	2.29	.400	10.16	.855	21.72
.014	0.36	.210	2.54	.440	11.18	.865	21.97
.015	0.38	.305	5.33	.450	11.43	.891	22.63
.016	0.41	.306	7.75	.540	13.72	1.032	26.21
.029	0.74	.333	7.77	.550	13.97	1.040	26.42
.034	0.86	.335	8.46	.600	15.24	1.170	29.72
.035	0.89	.335	8.51	.690	17.53	1.180	29.97
.038	0.97	.350	8.89	.700	17.78		

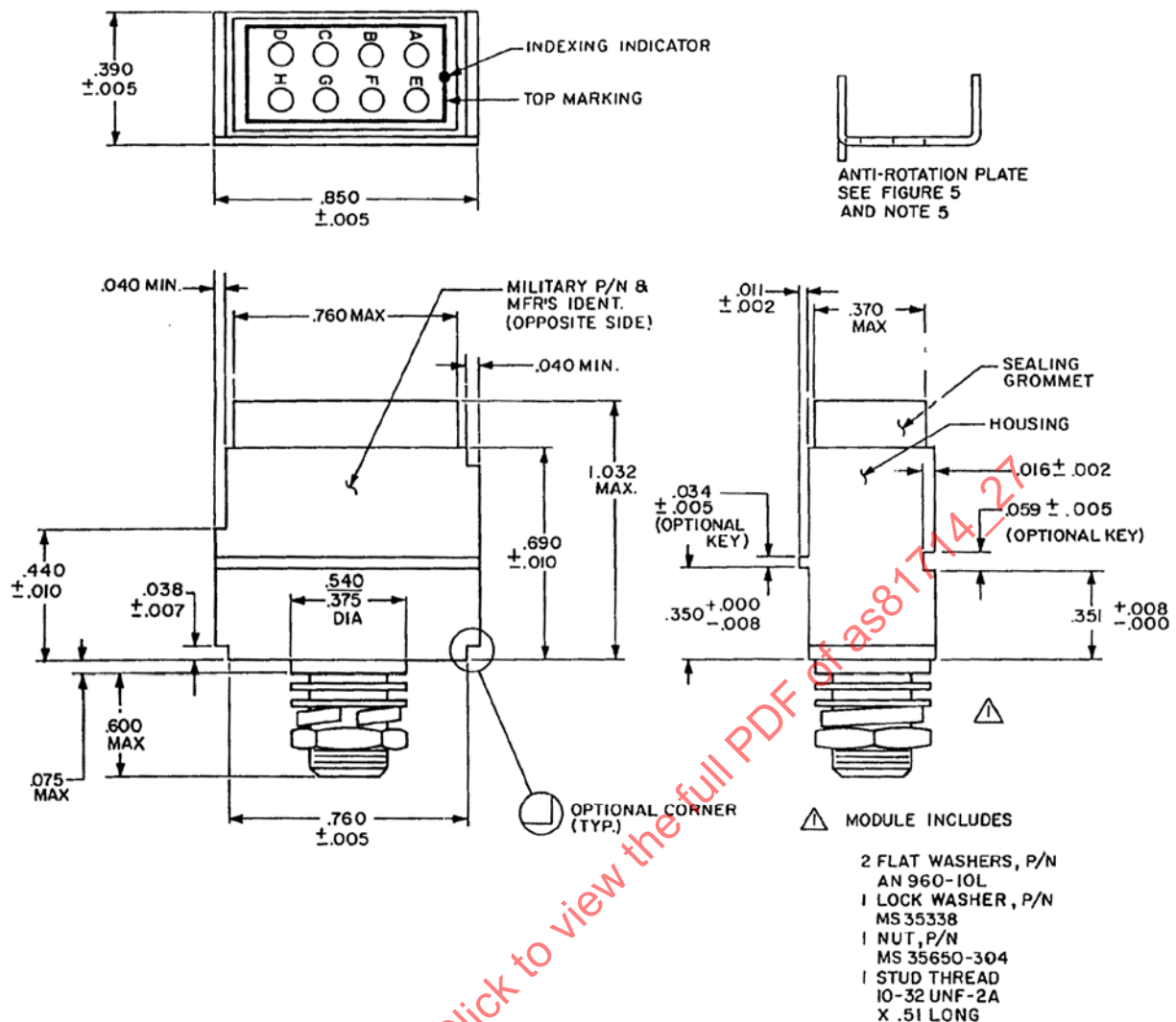


FIGURE 3. GROUNDING BLOCK, SIZE 16.

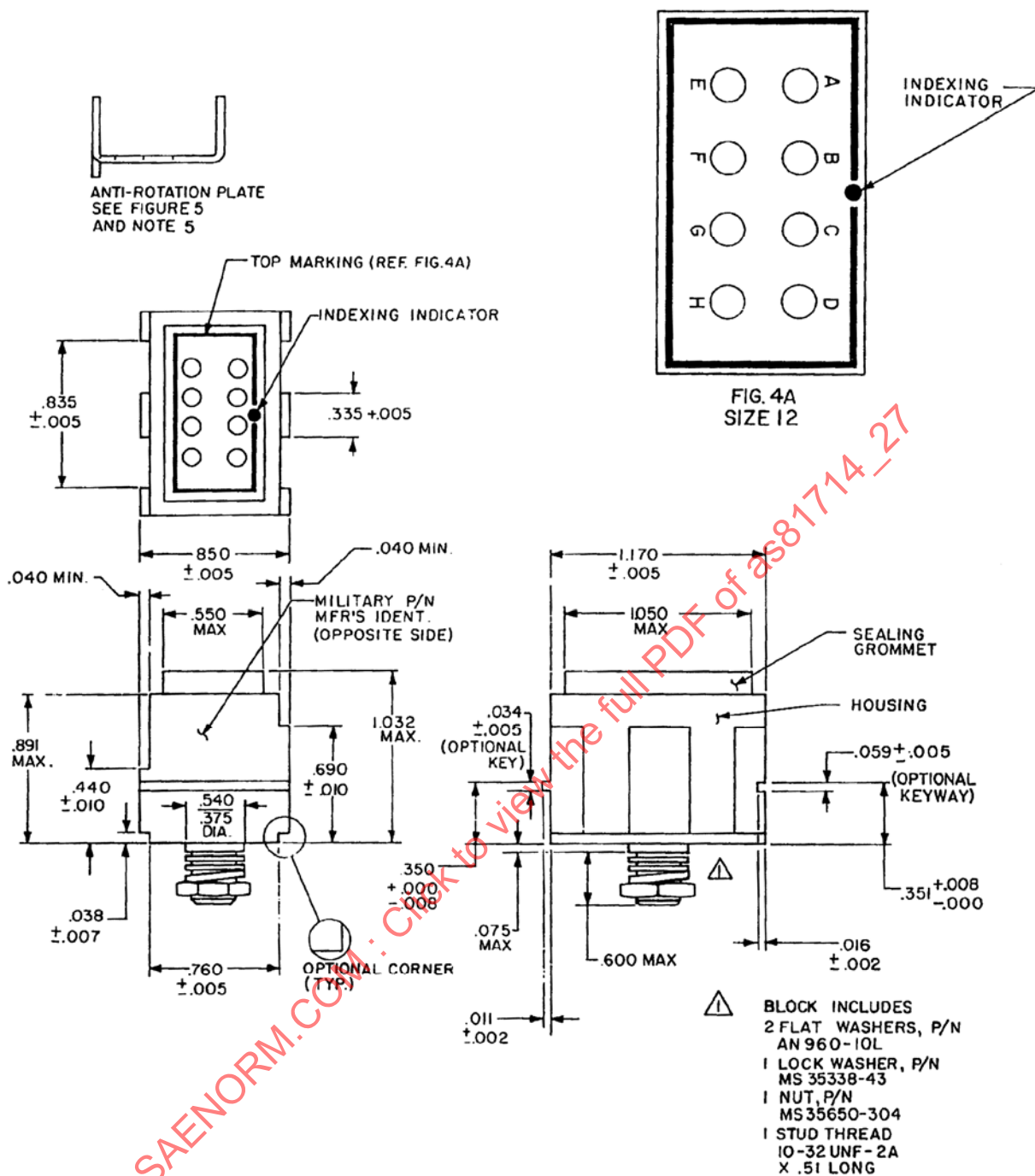


FIGURE 4. GROUNDING BLOCK, SIZE 12.