

REV.  
A

RATIONALE

REVISION IS REQUIRED TO CORRECT AN ERROR IN THE -42 BUSSING ARRANGEMENT DRAWING AND TO UPDATE DOCUMENT TO THE CURRENT SAE FORMAT GUIDELINES.

NOTICE

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

AS81714/17

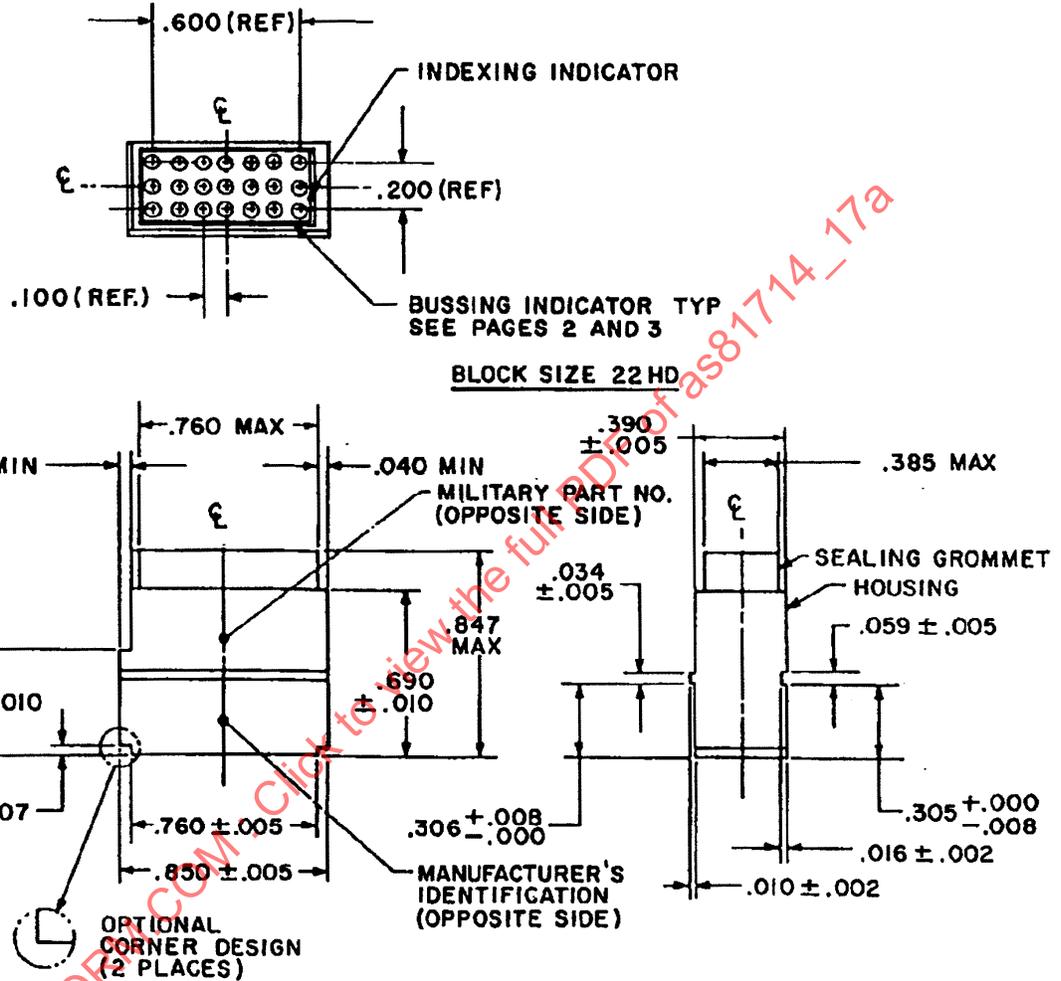
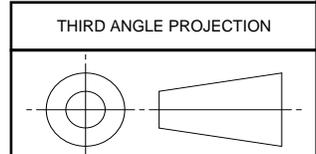


FIGURE 1 - TERMINAL JUNCTION BLOCK CONFIGURATION

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS81714/17A>



CUSTODIAN: AE-8/AE-8C2

PROCUREMENT SPECIFICATION: AS81714



**AEROSPACE STANDARD**

(R) TERMINAL JUNCTION SYSTEM, TERMINAL JUNCTION BLOCKS, SECTIONAL, BUSSING MODULES, FEEDBACK TYPE, SIZE 22D, SERIES I

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TABLE 1 - FIGURE 1 METRIC EQUIVALENTS

INCHES	MILLIMETERS								
.002	0.05	.016	0.41	.100	2.54	.390	9.90	.847	21.51
.005	0.13	.034	0.86	.200	5.08	.440	11.18	.850	21.69
.007	0.18	.038	0.97	.305	7.75	.600	15.24		
.008	0.20	.040	1.02	.306	7.77	.690	17.53		
.010	0.25	.059	1.50	.385	9.78	.760	19.30		

TABLE 2

PART NUMBER 1/, 2/	CONSISTS OF BLOCK AND	
	CONTACTS PART NUMBER	SEALING PLUGS PART NUMBER
M81714/17-D**	M39029/1-507	MS27488-22

\*\* BUSSING ARRANGEMENT  
 1/ SEE PART NUMBER PARAGRAPH  
 2/ SEE APPLICATION NOTE

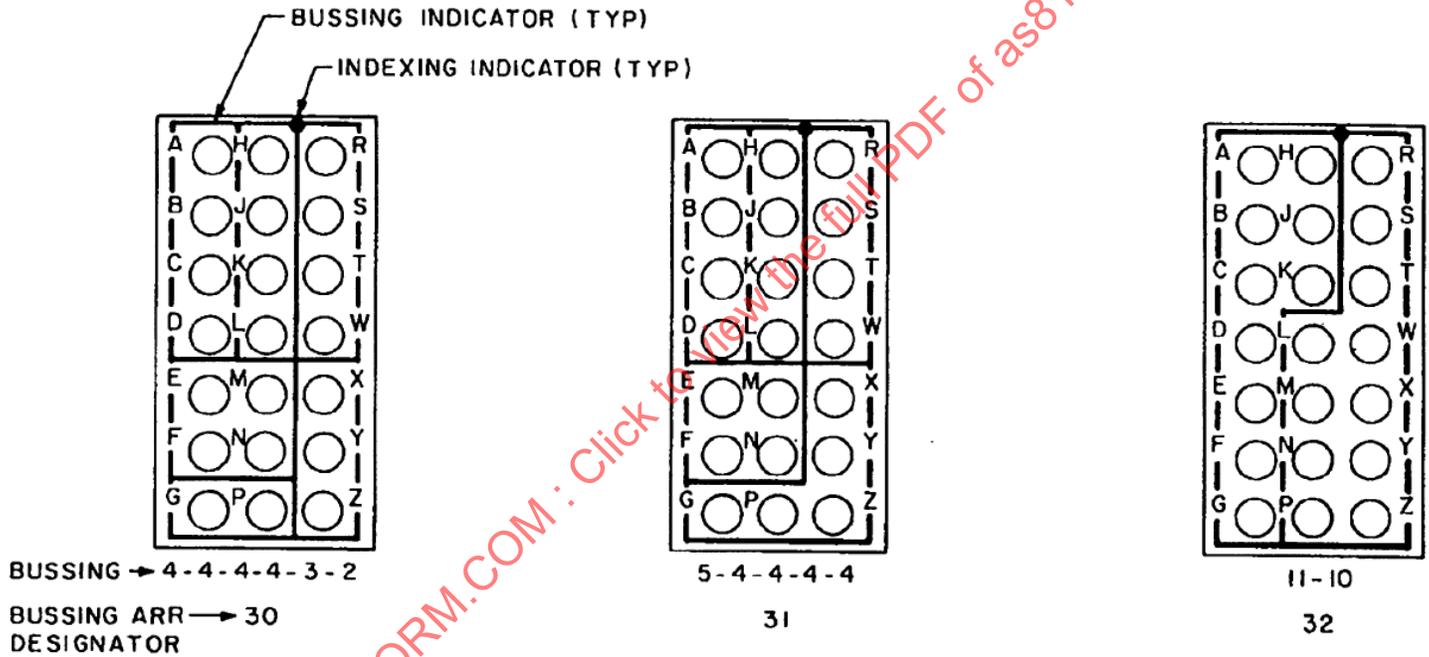
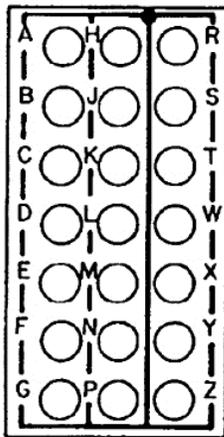
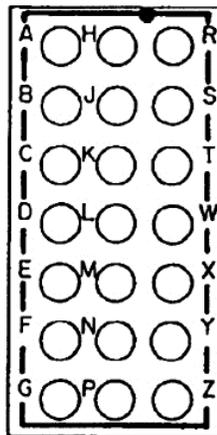


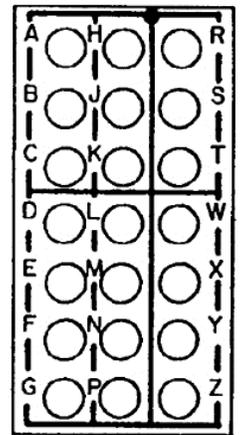
FIGURE 2 - BUSSING ARRANGEMENTS



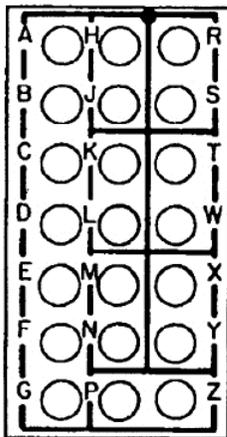
BUSSING → 7 - 7 - 7  
 BUSSING ARR → 33  
 DESIGNATOR



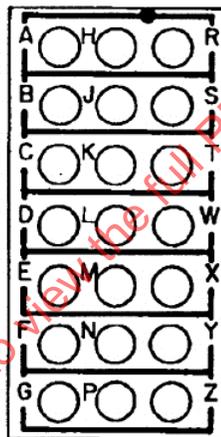
21  
 34



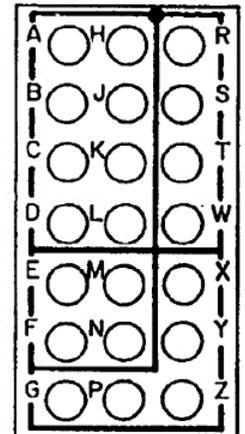
4 - 4 - 4 - 3 - 3 - 3  
 35



BUSSING → 7 - 2 - 2 - 2 - 2 - 2 - 2  
 BUSSING ARR → 36  
 DESIGNATOR



3 - 3 - 3 - 3 - 3 - 3 - 3  
 37



8 - 5 - 4 - 4  
 38

FIGURE 2A - BUSSING ARRANGEMENTS

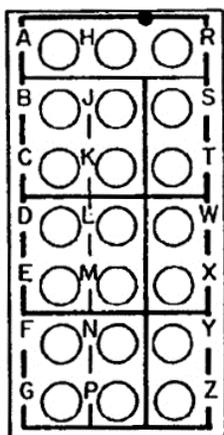


**AEROSPACE STANDARD**

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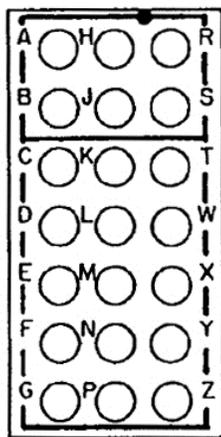
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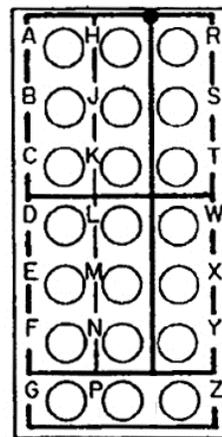
BUSSING → 3-2-2-2-2-2-2-2

BUSSING ARR → 39  
DESIGNATOR



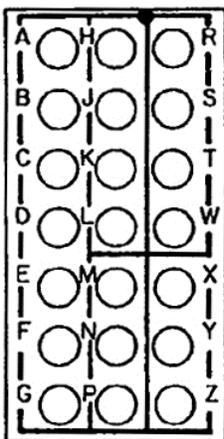
15-6

40



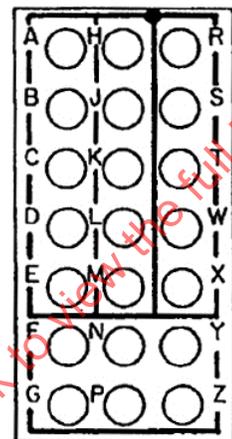
3-3-3-3-3-3-3

42



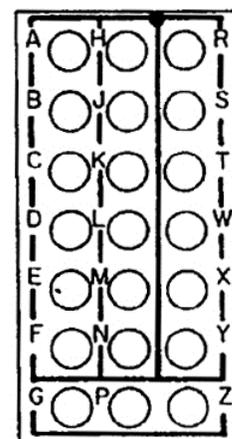
BUSSING → 7-4-4-3-3

BUSSING ARR → 43  
DESIGNATOR



6-5-5-5

44



6-6-6-3

45

FIGURE 2B - BUSSING ARRANGEMENTS

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

1. DESIGN:

TERMINAL JUNCTION BLOCKS SHALL BE DESIGNED IN ACCORDANCE WITH FIGURE 1, AND TABLE 2. DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING. UNLESS OTHERWISE SPECIFIED, SPHERICAL END DIMENSIONS SHALL CONFORM TO AS39029. TABLE 1 METRIC EQUIVALENTS ARE PROVIDED FOR GENERAL INFORMATION ONLY AND BASED ON 1 INCH = 25.4 MM. THIS BLOCK IS DESIGNED FOR INSTALLATION IN AS81714/5 AND AS81714/16 RACKS WITH ITS INDEXING INDICATOR ADJACENT TO THE INDEXING RACK RAIL. THIS BLOCK CAN ALSO BE INSTALLED IN AS81714/29 BRACKETS.

	<b>AEROSPACE STANDARD</b>	<b>AS81714/17</b> SHEET 4 OF 5	<b>REV.</b> <b>A</b>
	(R) TERMINAL JUNCTION SYSTEM, TERMINAL JUNCTION BLOCKS, SECTIONAL, BUSSING MODULES, FEEDBACK TYPE, SIZE 22D, SERIES I		