

STANDARDS SHEET

MS 27212

Supersedes
MS 25123
AN 3436

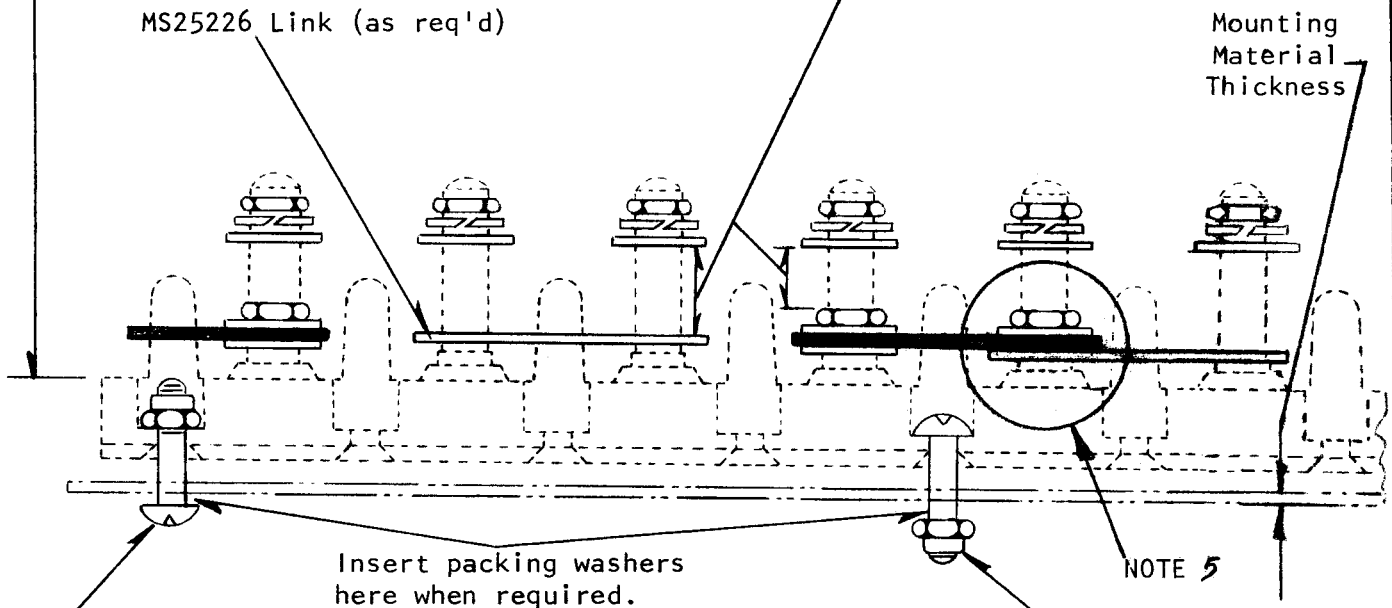
NOTE 3 - The end of mtg screw must not protrude above this line.

MIL-T-7928/1 Terminal Lug or Equiv.

NOTE 4 - Maximum of 4 lugs per stud.
Reduced to two when a stud is used to secure the MS18029 cover.

MS25226 Link (as req'd)

Mounting Material Thickness



Insert packing washers here when required.

NOTE 5

TYP METHOD OF MTG HDW

AN 507 Screw or AN 515(4-40) or AN 526(>4-40)
NAS 679A Nut

ALTERNATIVE METHOD OF MTG HDW

NOTE 1 - This is the recommended method of installing mtg hdw - since nut is "trapped", board is readily demounted by removal of the mounting screws.

See Tables No. 2 and No. 3 for screw selection and the packing which goes under the screw head to meet the requirements of Note 3.

NOTE 2 - Note that the insul strip must first be removed to give access to the screw head.

NOTE 5 - When MS25226 link and MS25227 insulating strip share a post. The link is placed beneath the insul. strip replacing the bottom washer.

DRAWN	SFGUNG MAR 65	CLASSIFICATION	STANDARD
CHECKED		TERMINAL BOARD HDW STANDARD LAYOUT	DS 41 Sheet 1 FMC 71867
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NOTE 5 & DETAILS ADDED
23.1. JAN 65

(C)

REDRAWN
DEC 73
STD. M.E.P. DR

(B)

REDRAWN
MAY 65
26 JAN 1965

(A)

STANDARDS SHEET

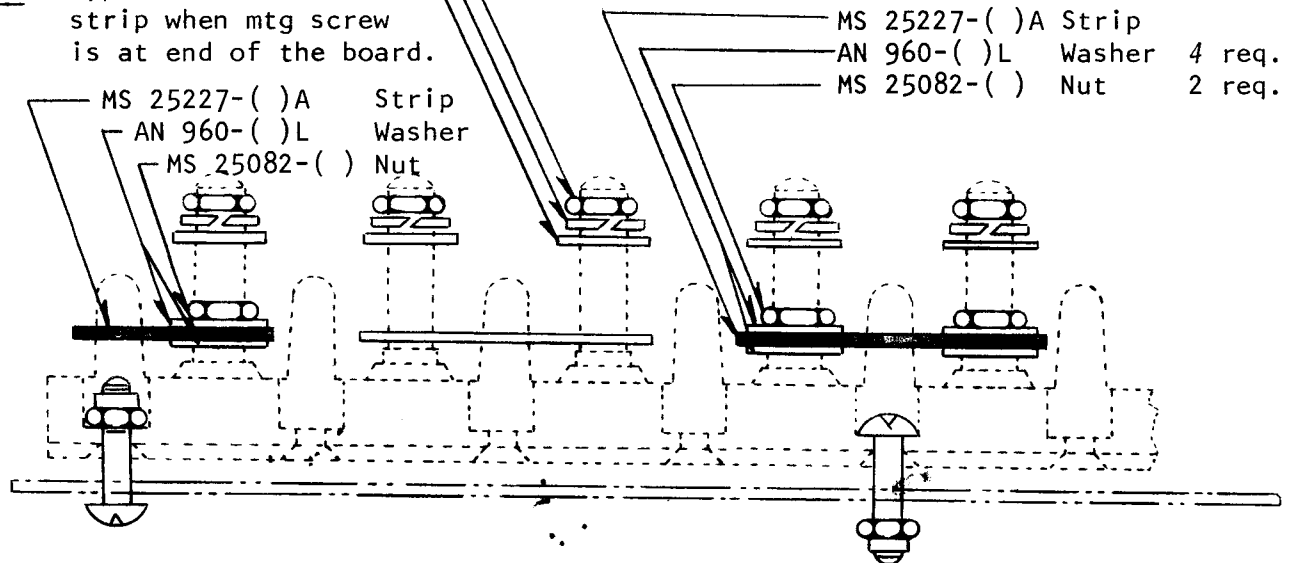
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NOTE 7 - Hdw req'd per stud
for securing lugs
MS 35650-() } Nut
or
MS 35649-() }
AN 935-() L Washer
AN 960-() L Washer

NOTE 5 - Typ instl of insul
strip when mtg screw
is at end of the board.

NOTE 6 - Typ inst of insul strip
when mtg screw is not at
the end of the board.



NOTE 8 - Select term & board ident labels from CSP119, CSP120, CSP255, CSP267.

NOTE 9 - For Covers - MS18029 is preferred or select from Table.

Cover Mfr	Henry Eng Co FSC 94640	TA MFG Corp FSC 84971
Material	Synthetic (Blk)	Neoprene (Blk)
	Silicone DC-80 (Red)	Silicate (Red)
6-32	397 - (N)	TA 15M04 (N)
Stud	394 - (N)	TA 15M04HR (N)
10-32	398 - (N)	TA 15M05 (N)
Stud	395 - (N)	TA 15M05HR (N)
1/4-28	399 - (N)	TA 15M03 (N)
Stud & Up	396 - (N)	TA 15M03HR (N)

DRAWN	CLASSIFICATION	STANDARD
CHECKED	TERMINAL BOARD HDW STANDARD LAYOUT	DS 41 Sheet 2
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REDRAWN
DEC 78
STD. M.C.P. 82
26 JAN 65
REDRAWN
MAR 65



STANDARDS SHEET

MATL THICKNESS MOUNTING RANGE	AN 960 WASHER CODE	AN515-4R SCREW DASH N°	MATL THICKNESS MOUNTING RANGE	AN 960 WASHER CODE	AN515-4R SCREW DASH N°	MATL THICKNESS MOUNTING RANGE	AN 960 WASHER CODE	AN515-4R SCREW DASH N°
.006 - .016	B	-5	.612 - .624	G		1.237 - 1.249	G	
.017 - .032	A		.625 - .640	F		1.250 - 1.265	F	
.033 - .048	—		.641 - .656	E		1.266 - 1.281	E	
.049 - .063	C		.657 - .672	D	-16	1.282 - 1.297	D	-26
.064 - .079	B	-6	.673 - .688	C		1.298 - 1.313	C	
.080 - .095	A		.689 - .704	B		1.314 - 1.329	B	
.096 - .111	—		.705 - .720	A		1.330 - 1.345	A	
.112 - .125	C		.721 - .736	—		1.346 - 1.361	—	
.126 - .141	B		.737 - .749	G		1.362 - 1.374	G	
.142 - .157	A	-7	.750 - .765	F		1.375 - 1.390	F	
.158 - .173	—		.766 - .781	E		1.390 - 1.406	E	
.174 - .188	C		.782 - .797	D	-18	1.407 - 1.422	D	-28
.189 - .204	B	-8	.798 - .813	C		1.423 - 1.438	C	
.205 - .220	A		.814 - .829	B		1.439 - 1.454	B	
.221 - .236	—		.830 - .845	A		1.455 - 1.470	A	
.237 - .249	G		.846 - .861	—		1.471 - 1.486	—	
.250 - .265	F		.862 - .874	G				
.266 - .281	E	-10	.875 - .890	F				
.282 - .297	D		.891 - .906	E				
.298 - .313	C		.907 - .922	D	-20			
.314 - .329	B		.923 - .938	C				
.330 - .345	A		.939 - .954	B				
.346 - .361	—		.955 - .970	A				
.362 - .374	G		.971 - .986	—				
.375 - .390	F		.987 - .999	G				
.391 - .406	E	-12	1.000 - 1.015	F				
.407 - .422	D		1.016 - 1.031	E	-22			
.423 - .438	C		1.032 - 1.047	D				
.439 - .454	B		1.048 - 1.063	C				
.455 - .470	A		1.064 - 1.079	B				
.471 - .486	—		1.080 - 1.095	A				
.487 - .499	G		1.096 - 1.111	—				
.500 - .515	F		1.112 - 1.124	G				
.516 - .531	E	-14	1.125 - 1.140	F				
.532 - .547	D		1.141 - 1.156	E				
.548 - .563	C		1.157 - 1.172	D	-24			
.564 - .579	B		1.173 - 1.188	C				
.580 - .595	A		1.189 - 1.204	B				
.596 - .611	—		1.205 - 1.220	A				
			1.221 - 1.236	—				

TABLE OF
AN960 WASHER CODE

CODE	N° OF AN960 WASHERS REQD AS PACKING UNDER MTG SCREW HEAD	
	- 4	- 4 L
—	—	—
A		1
B	1	
C	1	1
D	2	
E	2	1
F	3	
G	3	1

USE THIS TABLE FOR
MS 27212-1-(C)
TERMINAL BOARD

DRAWN - SFGUNG-MAR65

CLASSIFICATION

STANDARD

CHECKED

STRESSED

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TERMINAL BOARD HDW

DS 41

SH 3

FMC 71867



STANDARDS SHEET

MATE THICKNESS MOUNTING RANGE	AN 960 WASHER CODE	AN515-4R SCREW DASH N°	MATE THICKNESS MOUNTING RANGE	AN 960 WASHER CODE	AN515-4R SCREW DASH N°
.000 - .027	-	- 5	1.204 - 1.235	F	-26
.018 - .049	B	- 6	1.236 - 1.267	D	
.050 - .090	-	- 6	1.268 - 1.299	B	
.080 - .111	B	- 7	1.300 - 1.340	-	-28
.112 - .152	-	- 7	1.329 - 1.360	F	
.143 - .174	B	- 8	1.361 - 1.392	D	
.175 - .215	-	- 8	1.393 - 1.424	B	-28
.204 - .235	F	-10	1.425 - 1.465	-	
.236 - .267	D				
.268 - .299	B				
.300 - .340	-	-12			
.329 - .360	F				
.361 - .392	D				
.393 - .424	B	-14			
.425 - .465	-				
.454 - .485	F				
.486 - .517	D	-16			
.518 - .549	B				
.550 - .590	-				
.579 - .610	F	-18			
.611 - .642	D				
.643 - .674	B				
.675 - .715	-	-20			
.704 - .735	F				
.736 - .767	D				
.768 - .799	B	-22			
.800 - .840	-				
.829 - .860	F				
.861 - .892	D	-24			
.893 - .924	B				
.925 - .965	-				
.954 - .985	F	-26			
.986 - 1.017	D				
1.018 - 1.049	B				
1.050 - 1.090	-	-28			
1.079 - 1.110	F				
1.111 - 1.142	D				
1.143 - 1.174	B	-30			
1.175 - 1.215	-				

TABLE OF
AN960 WASHER CODE

CODE	N° OF AN960 WASHERS REQD AS PACKING UNDER MTG SCREW HEAD
	- 4
A	-
B	1
C	-
D	2
E	-
F	3
G	-

USE THIS TABLE FOR
MS 27212-2-()
TERMINAL BOARD

DRAWN - SPEUNG-MAR65

CLASSIFICATION

STANDARD

CHECKED

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TERMINAL BOARD HDW

DS 41

SH 4

FMC 71867

MAR 65
REDRAWN