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THIRD ANGLE PROJECTION



ISSUED 1998-08 REAFFIRMED 2009-04

PREPARED BY SUBCOMMITTEE AE-8C2



AEROSPACE STANDARD

LINK, TERMINAL, CONNECTING

AS25226
SHEET 1 OF 4

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THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: NONE.

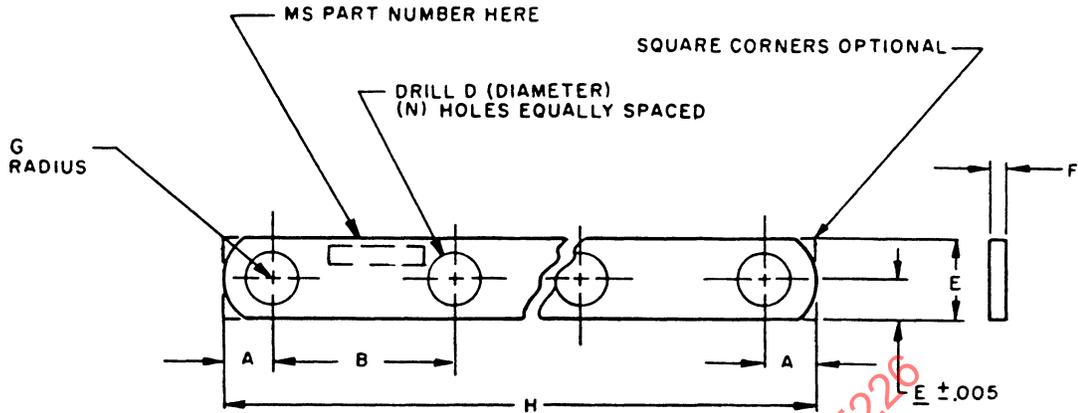


TABLE I. LINK TERMINAL, CONNECTING DETAILS.

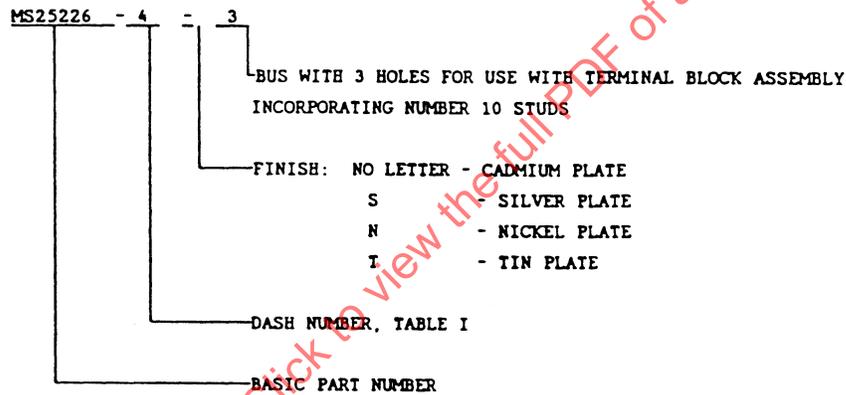
DASH NO. (NOTE 3)				STUD SIZE	A ±.010	B (REQUIREMENT 6)	D ±.003	E ±.010	F ±.003	G ±.03	R REF	MAX CAPACITY IN AMPS
CADMIUM PLATE	SILVER PLATE (NOTE 7)	NICKEL PLATE	TIN PLATE									
-2-(N)	-2S-(N)	-2N-(N)	-2T-(N)	NO. 6	.219	.594	.147	.250	.032	.19	.594(N-1)±.438	40
-4-(N)	-4S-(N)	-4N-(N)	-4T-(N)	NO. 10	.219	.750	.201	.438	.051	.31	.750(N-1)±.438	70
-6-(N)	-6S-(N)	-6N-(N)	-6T-(N)	1/4	.312	1.500	.257	.625	.051	.50	1.500(N-1)±.625	90
-8-(N)	-8S-(N)	-8N-(N)	-8T-(N)	5/16, 3/8	.312	1.500	.386	.625	.051	.50	1.500(N-1)±.625	90
-10-(N)	-10S-(N)	-10N-(N)	-10T-(N)	NO. 8	.219	.750	.174	.350	.051	.31	.750(N-1)±.438	50

TABLE II. METRIC CONVERSION.

INCH	mm	INCH	mm	INCH	mm
.003	.076	.190	4.826	.386	9.804
.005	.127	.201	5.105	.438	11.125
.010	.254	.219	5.563	.500	12.700
.030	.762	.250	6.350	.594	15.088
.032	.813	.257	6.528	.625	15.875
.051	1.295	.310	7.874	.675	17.145
.138	3.505	.312	7.925	.750	19.505
.147	3.734	.313	7.950	1.500	38.100
.164	4.166	.350	8.890		
.174	4.420	.375	9.525		

REQUIREMENTS:

1. MATERIAL: COPPER: BARS, RODS, AND SHAPES, IN ACCORDANCE WITH ASTM-B133 OR ASTM-B272.
COPPER: SHEETS, STRIPS, PLATES AND ROLLED BARS IN ACCORDANCE WITH ASTM-B152.
2. FINISH: CADMIUM PLATE, SILVER PLATE, NICKEL PLATE OR TIN PLATE.
 - 1/ a. CADMIUM PLATE, IN ACCORDANCE WITH QQ-P-416, CLASS 3, TYPE II, FOR MAXIMUM TEMPERATURE OF 450°F. NOT TO BE USED IN CONTACT WITH TITANIUM OR IN VACUUM APPLICATIONS INCLUDING OUTER SPACE.
 - b. SILVER PLATE, IN ACCORDANCE WITH QQ-S-365, MINIMUM THICKNESS .0002 INCH. NOT TO BE USED IN CONTACT WITH TITANIUM.
 - c. NICKEL PLATE, IN ACCORDANCE WITH QQ-N-290, TYPE V, MINIMUM THICKNESS .0005 INCH FOR EXTERIOR APPLICATION AND TYPE VII MINIMUM THICKNESS .0001 INCH FOR INTERNAL APPLICATION.
 - 2/ d. TIN PLATE, IN ACCORDANCE WITH MIL-T-10727, TYPE I, MINIMUM THICKNESS .0005 INCH FOR 330°F MAXIMUM TEMPERATURE APPLICATIONS.
3. PART OR IDENTIFYING NUMBER (PIN).
EXAMPLE OF PIN: MS25226-4-3



4. IDENTIFICATION MARKING - EACH PART SHALL BE PERMANENTLY MARKED WITH THE PART NUMBER AS SHOWN ABOVE. THE LAST DIGIT OF THE PART NUMBER FOR THE NUMBER OF HOLES IS OPTIONAL.
 5. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± 0.10 .
 6. TOLERANCE BETWEEN ANY HOLES OF THE BUS (B DIMENSION) SHALL BE ± 0.10 INCH (NONCUMULATIVE).
 7. THE CUMULATIVE TOLERANCE BETWEEN THE TWO END MOUNTING HOLES SHALL BE A MAXIMUM OF .003 INCH PER INCH OF LENGTH.
- 1/ CADMIUM PLATED TERMINAL LINKS ARE INACTIVE FOR NEW DESIGN.
 - 2/ THE PLATING SHALL NOT BE GREATER THAN 97% PURE TIN TO PREVENT DENDRITE (TIN WHISKER) FORMATION. LEAD OR OTHER SUITABLE MODIFIERS SHALL BE USED.