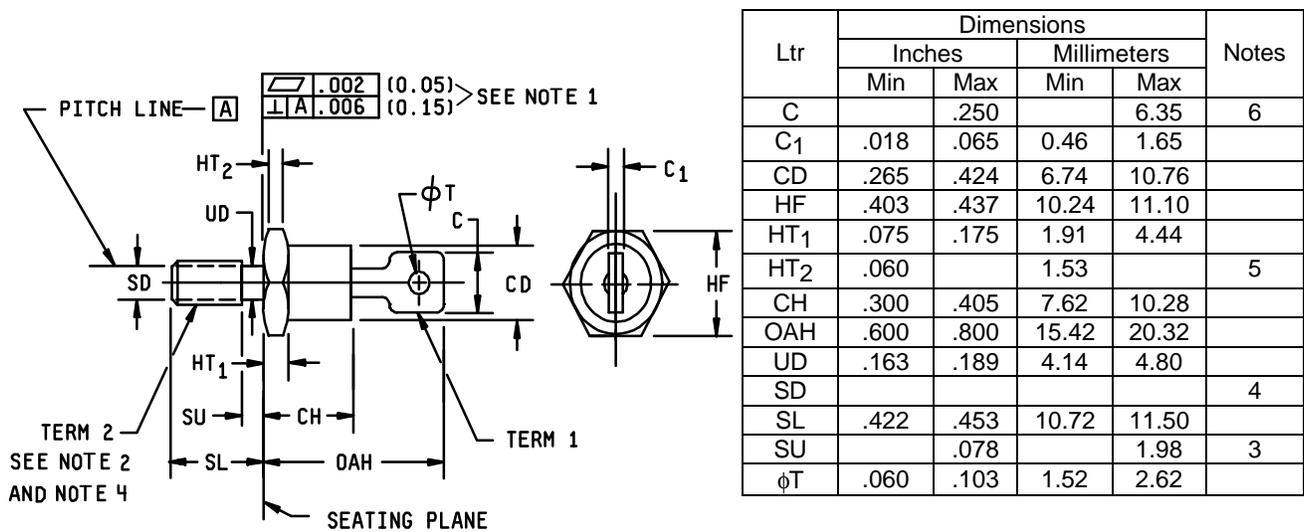


PERFORMANCE SPECIFICATION SHEET

SEMICONDUCTOR DEVICE, DIODE, SILICON,
 SCHOTTKY BARRIER, FAST RECOVERY,
 TYPE 1N6391, JAN, JANTX, JANTXV, JANS, AND JANHC

This amendment forms a part of MIL-PRF-19500/553A, dated 27 June 1997 and is approved for use by all Departments and Agencies of the Department of Defense.

Figure 1 Physical dimensions. Delete in its entirety and substitute:



NOTES:

- Dimensions are in inches, metric equivalents are given for general information only.
- Units must not be damaged by torque of 15 inch-pounds applied to .10-32 UNF-2B nut assembled on thread.
- Length of incomplete or undercut threads - SU.
- Maximum pitch diameter of plated threads shall be basic pitch diameter .1697 inch (4.31 mm) reference (FED-STD-H28, Screw-Thread Standards for Federal Services).
- A chamfer or undercut on one or both ends of the hex portion is optional; minimum base diameter at seating plane .403 inch (10.24 mm).
- The angular orientation and peripheral configuration of terminal 1 is undefined, however, the major surfaces over dimensions C and C₁ shall be flat.
- Dimension CD can not exceed dimension HF

Figure 1. Physical dimensions (similar to DO-41).

Figure 3, dimensions table, delete and substitute in its entirety:

Ltr	Dimensions			
	Inches		Millimeters	
	Min	Max	Min	Max
A	.142	.144	3.60	3.66
B	.155	.157	3.94	3.99
C	.009	.013	.229	.330

4.4.2.1 Group B inspection, table VIa (JANS) of MIL-PRF-19500. Subgroup B3, delete and substitute: $I_{FSM} = 600$ A pk; $t_p \leq 8.3$ ms; six 8.3ms surges; 1 surge/minute maximum; $I_o = 22.5$ A, $V_R = \text{Rated}$ (see 1.3), $100^\circ\text{C} \leq T_C \leq 125^\circ\text{C}$.

Custodians:
Air Force - 11
DLA – CC

Preparing activity:
DLA - CC

Review activities:
Air Force - 13, 19, 99

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