MILITARY SPECIFICATION

SEMICONDUCTOR DEVICE, DIODE, SILICON, POWER RECTIFIER
TYPES 1N3164, 1N3168, 1N3170, 1N3172, 1N3174, 1N3175,
1N3176, 1N3177, AND R TYPES, JAN, JANTX, JANTXV

This amendment forms a part of Military Specification MIL-S-19500/211B, dated 18 May 1983, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

* 1.5: Delete "$R_{\theta JC}$ = 0.15°C/W" and substitute "$R_{\theta JC}$ = 0.20°C/W".

PAGE 3

FIGURE 1: Delete and substitute new figure 1 as printed on page 3 of this amendment.

PAGE 4

4.3, add the following screen to the screening table:

"

Screen (see table II of MIL-S-19500)	Measurement
	JANTX and JANTXV levels
1	Method 2073 may be used in lieu of 2074 for compression bonded devices only.

"

PAGE 8

* TABLE II, Subgroup 5: Delete "$R_{\theta JC}$ = 0.15°C/W" and substitute "$R_{\theta JC}$ = 0.20°C/W".

The margin of this amendment is marked with asterisks to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

FSC 5961

Custodians:
Air Force - 17
Army - ER
Navy - EC

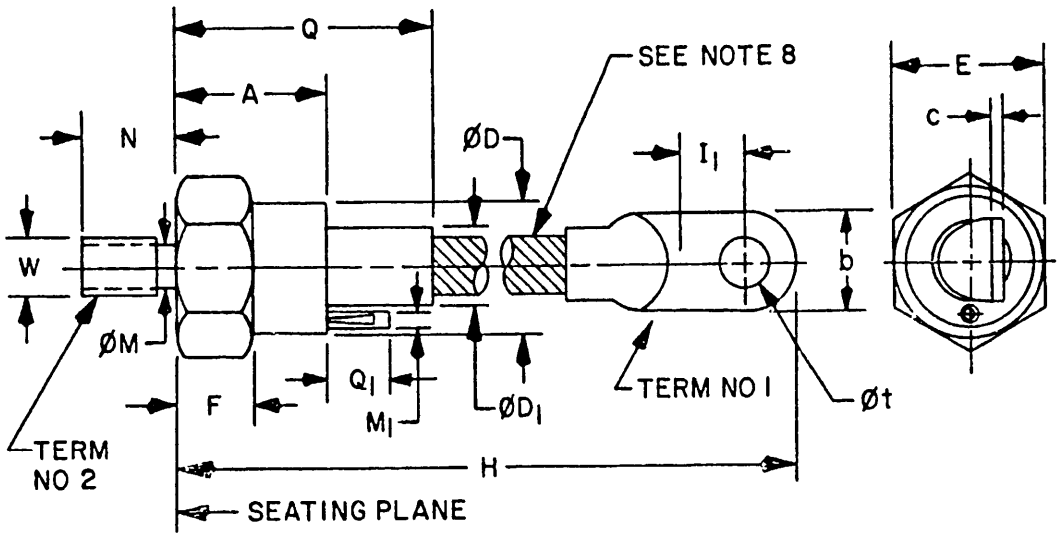
Review activities:
Air Force - 11, 85
Army - AR
Navy - SH

User activities:
Air Force - 14, 19
Army - MI
Navy - CG, MC, WP

Agent:
DLA - ES

Preparing activity:
Army - ER

(Project 5961-0978)



NOTES:
1. Metric equivalents are given for general information only.
2. Complete threads to extend to within 2-1/2 threads of seating plane.
3. 3/4-16 UNF-2A. Maximum pitch diameter of plated threads shall be basic pitch diameter (.7094 in., 18.019 mm) ref. (Screw Thread Standards for Federal Services) FED-STD-H28.
4. Angular orientation of terminal and tabulation with respect to hex base is undefined. Square or radius on end of terminal is undefined.
5. A chamfer (or undercut) on one or both ends of hexagonal portions is optional.
6. Tublation optional.
7. Minimum flat.
8. Flexible leads.

Letter	Dimensions				Notes
	Inches		Millimeters		
	Min	Max	Min	Max	
A		1.520		38.10	4
B	.530	.755	13.46	19.18	
C	.063	.172	1.60	4.37	
ØD		1.100		27.94	
$ØD_1$		.600		15.24	
E	1.218	1.252	30.94	31.75	
F	.250	.562	6.35	14.27	5
H	6.125	6.750	130.18	171.45	
I_1	.375		9.53		7
ØM	.660	.745	16.76		2
M_1		.125		3.18	6
N	.793	.828	20.14	21.03	
Q		2.30		57.15	
Q_1		.375		9.53	6
Øt	.265	.350	6.73	8.89	
W					3

FIGURE 1. Physical dimensions for semiconductor devices.