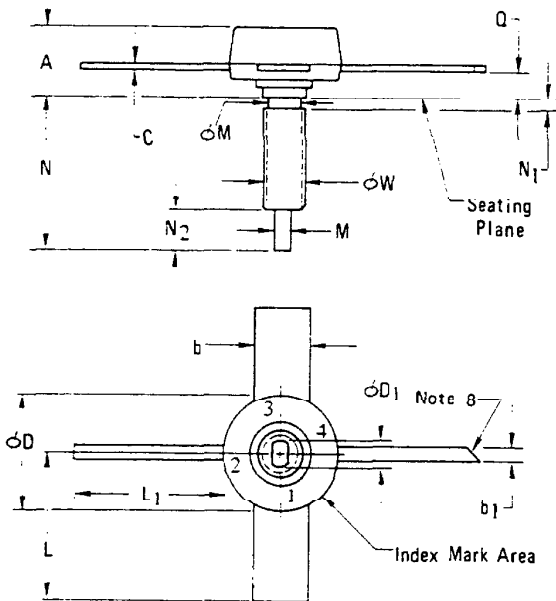


NOTES:

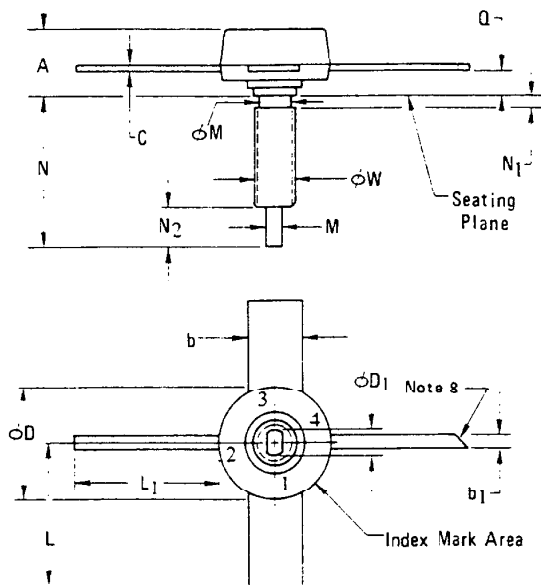


1. REFER TO APPLICABLE SYMBOL LIST.
2. DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1973.
3. BODY CONTOUR OPTIONAL WITHIN ØD AND A. ØD MIN. APPLIES TO GREATEST BODY DIAMETER.
4. TYPICAL ALL TERMINALS.
5. ORIENTATION OF FLATS NOT CONTROLLED IN RELATION TO TERMINALS.
6. OMISSION OF ONE TERMINAL OPTIONAL. THE NUMBER AND POSITION OF TERMINALS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATIONS.
7. LENGTH OF INCOMPLETE OR UNDERCUT THREADS AT ØM.
8. TERMINAL 4 END OF CONFIGURATION OPTIONAL.
9. INDEX MARK TO BE VISIBLE FROM TOP.
10. INDEX MARK OPTIONAL FOR THREE TERMINAL DEVICES.
11. CONTROLLING DIMENSION: INCH.

VARIATIONS (ALL DIMENSIONS IN MILLIMETERS)

SYMBOL	VARIATIONS (ALL DIMENSIONS IN MILLIMETERS)												
	AA		NOTE	AB		NOTE	AC		NOTE			NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		
A	3.56	5.84	3	7.112	7.239	3	5.08	5.84	3				
b	.686	.838	4	2.236	2.336	4	7.24	7.49					
b ₁	.686	.838	4	2.236	2.336	4	.712	.812					
c	.356	.406	4	.356	.406	4	.254	.304	4				
ØD	6.1	9.6	3	11.43	12.70	3	9.271	9.398	3				
ØD ₁	2.80	3.27	5	2.54	3.04	5	2.80	3.27	5				
L	11.43	--	4,6	12.20	12.70	4	10.93	11.17					
L ₁	--	--		--	--		--	13.97					
M	1.40	1.65	5	1.423	1.625	5	1.423	1.625	5				
ØM	3.05	4.14		3.05	4.14		3.05	4.14					
N	10.8	13.3		11.18	11.68		11.18	11.68					
N ₁	--	1.98	7	--	1.98	7	--	1.98	7				
N ₂	2.93	3.68		2.93	3.68		2.93	3.68					
Q	2.80	3.30		4.07	4.31		2.80	3.30					
ØW	8-32	UNC-2A		8-32	UNC-2A		8-32	UNC-2A					
NOTE	1, 2, 8, 9, 10, 11			1, 2, 8, 9, 10, 11			1, 2, 8, 9, 11						
REF.	TO-117			TO-128			TO-129						
ISSUE	DECEMBER 76			DECEMBER 76			DECEMBER 76						
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE STUD MOUNTED RADIAL LEAD FAMILY				ISSUE A		DATE 12/28/76		TO-232 VARIATIONS AA - AC	

NOTES:



1. REFER TO APPLICABLE SYMBOL LIST.
2. DIMENSIONING & TOLERANCING PER ANSI Y14.5-1973.
3. BODY CONTOUR OPTIONAL WITHIN $\varnothing D$ AND A. $\varnothing D$ MIN. APPLIES TO GREATEST BODY DIAMETER.
4. TYPICAL ALL TERMINALS.
5. ORIENTATION OF FLATS NOT CONTROLLED IN RELATION TO TERMINALS.
6. OMISSION OF ONE TERMINAL OPTIONAL. THE NUMBER AND POSITION OF TERMINALS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATIONS.
7. LENGTH OF INCOMPLETE OR UNDERCUT THREADS AT $\varnothing M$.
8. TERMINAL 4 END OF CONFIGURATION OPTIONAL.
9. INDEX MARK TO BE VISIBLE FROM TOP.
10. INDEX MARK OPTIONAL FOR THREE TERMINAL DEVICES.
11. CONTROLLING DIMENSION: INCH.

VARIATIONS (ALL DIMENSIONS IN INCHES)

SYMBOL	VARIATIONS (ALL DIMENSIONS IN INCHES)											
	AA		NOTE	AB		NOTE	AC		NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	.140	.230	3	.280	.285	3	.200	.230	3			
b	.027	.033	4	.088	.092	4	.285	.295				
b ₁	.027	.033	4	.088	.092	4	.028	.032				
c	.014	.016	4	.014	.016	4	.010	.012	4			
ØD	.240	.380	3	.450	.500	3	.365	.370	3			
ØD ₁	.110	.129	5	.100	.120	5	.110	.129	5			
L	.450	-	4,6	.480	.500	4,6	.430	.440				
L ₁	-	-		-	-		-	.550				
M	.055	.065	5	.056	.064	5	.056	.064	5			
ØM	.120	.163		.120	.163		.120	.163				
N	.425	.525		.440	.460		.440	.460				
N ₁	-	.078	7	-	.078	7	-	.078	7			
N ₂	.115	.145		.115	.145		.115	.145				
Q	.110	.130		.160	.170		.110	.130				
ØW	8-32	UNC-2A		8-32	UNC-2A		8-32	UNC-2A				
NOTE	1,2,8,9,10,11			1,2,8,9,10,11			1,2,8,9,11					
REF.	TO-117			TO-128			TO-129					
ISSUE	DECEMBER 76			DECEMBER 76			DECEMBER 76					
JEDEC SOLID STATE PRODUCT OUTLINES			TITLE STUD MOUNTED RADIAL LEAD FAMILY				ISSUE A	DATE 12/28/76	T O - 232 VARIATIONS AA - AC			