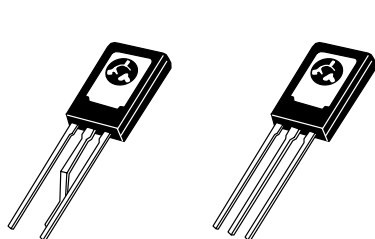


# MECHANICAL CASE OUTLINE

## PACKAGE DIMENSIONS

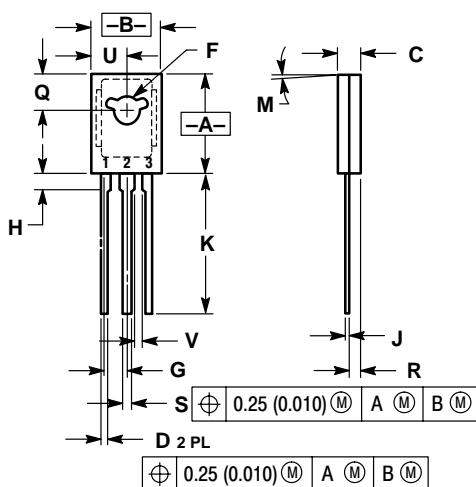
ON Semiconductor®



TO-225  
CASE 77-09  
ISSUE AA

DATE 03/01/2002

SCALE 1:1



### NOTES:

1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
2. CONTROLLING DIMENSION: INCH.
3. 077-01 THRU -08 OBSOLETE, NEW STANDARD 077-09.

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.425	0.435	10.80	11.04
B	0.295	0.305	7.50	7.74
C	0.095	0.105	2.42	2.66
D	0.020	0.026	0.51	0.66
F	0.115	0.130	2.93	3.30
G	0.094 BSC		2.39 BSC	
H	0.050	0.095	1.27	2.41
J	0.015	0.025	0.39	0.63
K	0.575	0.655	14.61	16.63
M	5° TYP		5° TYP	
Q	0.148	0.158	3.76	4.01
R	0.045	0.065	1.15	1.65
S	0.025	0.035	0.64	0.88
U	0.145	0.155	3.69	3.93
V	0.040	---	1.02	---

### STYLE 1:

- PIN 1. EMITTER  
2. COLLECTOR  
3. BASE

### STYLE 2:

- PIN 1. CATHODE  
2. ANODE  
3. GATE

### STYLE 3:

- PIN 1. BASE  
2. COLLECTOR  
3. EMITTER

### STYLE 4:

- PIN 1. ANODE 1  
2. ANODE 2  
3. GATE

### STYLE 5:

- PIN 1. MT 1  
2. MT 2  
3. GATE

### STYLE 6:

- PIN 1. CATHODE  
2. GATE  
3. ANODE

### STYLE 7:

- PIN 1. MT 1  
2. GATE  
3. MT 2

### STYLE 8:

- PIN 1. SOURCE  
2. GATE  
3. DRAIN

### STYLE 9:

- PIN 1. GATE  
2. DRAIN  
3. SOURCE

### STYLE 10:

- PIN 1. SOURCE  
2. DRAIN  
3. GATE

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