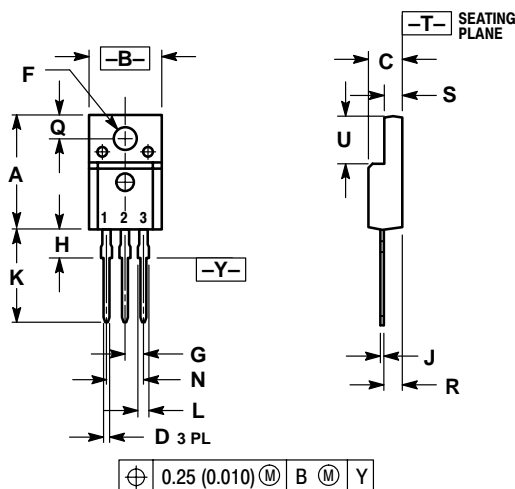


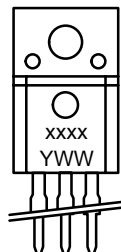
### TO-220 FULLPAK CASE 221D-03 ISSUE G

DATE 03/19/2002

SCALE 1:1



### MARKING DIAGRAM



xx = Specific Device Code  
Y = Year  
WW = Work Week

#### NOTES:

1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
2. CONTROLLING DIMENSION: INCH
3. 221D-01 THRU 221D-02 OBSOLETE, NEW STANDARD 221D-03.

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.625	0.635	15.88	16.12
B	0.408	0.418	10.37	10.63
C	0.180	0.190	4.57	4.83
D	0.026	0.031	0.65	0.78
F	0.116	0.119	2.95	3.02
G	0.100 BSC		2.54 BSC	
H	0.125	0.135	3.18	3.43
J	0.018	0.025	0.45	0.63
K	0.530	0.540	13.47	13.73
L	0.048	0.053	1.23	1.36
N	0.200 BSC		5.08 BSC	
Q	0.124	0.128	3.15	3.25
R	0.099	0.103	2.51	2.62
S	0.101	0.113	2.57	2.87
U	0.238	0.258	6.06	6.56

#### STYLE 1:

- PIN 1. GATE  
2. DRAIN  
3. SOURCE

#### STYLE 2:

- PIN 1. BASE  
2. COLLECTOR  
3. EMITTER

#### STYLE 3:

- PIN 1. ANODE  
2. CATHODE  
3. ANODE

#### STYLE 4:

- PIN 1. CATHODE  
2. ANODE  
3. CATHODE

#### STYLE 5:

- PIN 1. CATHODE  
2. ANODE  
3. GATE

#### STYLE 6:

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

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