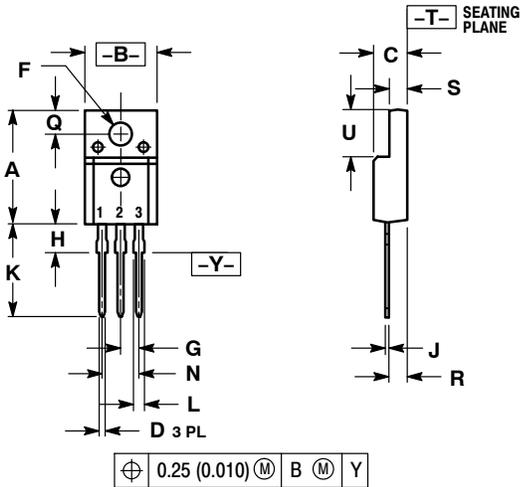


SCALE 1:1

TO-220 FULLPAK
CASE 221D-03
ISSUE K

DATE 27 FEB 2009



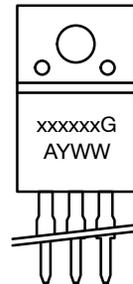
- NOTES:
1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
 2. CONTROLLING DIMENSION: INCH
 3. 221D-01 THRU 221D-02 OBSOLETE, NEW STANDARD 221D-03.

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.617	0.635	15.67	16.12
B	0.392	0.419	9.96	10.63
C	0.177	0.193	4.50	4.90
D	0.024	0.039	0.60	1.00
F	0.116	0.129	2.95	3.28
G	0.100 BSC		2.54 BSC	
H	0.118	0.135	3.00	3.43
J	0.018	0.025	0.45	0.63
K	0.503	0.541	12.78	13.73
L	0.048	0.058	1.23	1.47
N	0.200 BSC		5.08 BSC	
Q	0.122	0.138	3.10	3.50
R	0.099	0.117	2.51	2.96
S	0.092	0.113	2.34	2.87
U	0.239	0.271	6.06	6.88

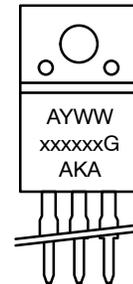
⊕ 0.25 (0.010) Ⓜ B Ⓜ Y

- | | | |
|--|---|--|
| 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 |

MARKING
DIAGRAMS



Bipolar



Rectifier

- | | |
|-------------------------------|---------------------------|
| xxxxxx = Specific Device Code | A = Assembly Location |
| G = Pb-Free Package | Y = Year |
| A = Assembly Location | WW = Work Week |
| Y = Year | xxxxxx = Device Code |
| WW = Work Week | G = Pb-Free Package |
| | AKA = Polarity Designator |

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DESCRIPTION:	TO-220 FULLPAK	PAGE 1 OF 1

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