

Process Change Notice

Parts Affected:

All Silicon Controlled Rectifiers manufactured in the TO-92-18R epoxy package.

Extent of Change:

Device will no longer be manufactured with the TO-92-18R lead form and is offered as a standard TO-92 device (See Figures 1 and 2 on page 2). For customer's requiring the lead formed device, lead forming is still available from the factory at an additional cost.

Add "-18R" to the part number to specify the TO-92-18R lead formed package.

Reason for Change:

Due to customer requests and industry trend to manufacture the TO-92 epoxy package without lead forming.

Effect of Change:

Through hole designs that require the TO-92-18R lead form will not accept the standard (in-line) TO-92 leads. This change does not affect the lead code of these devices.

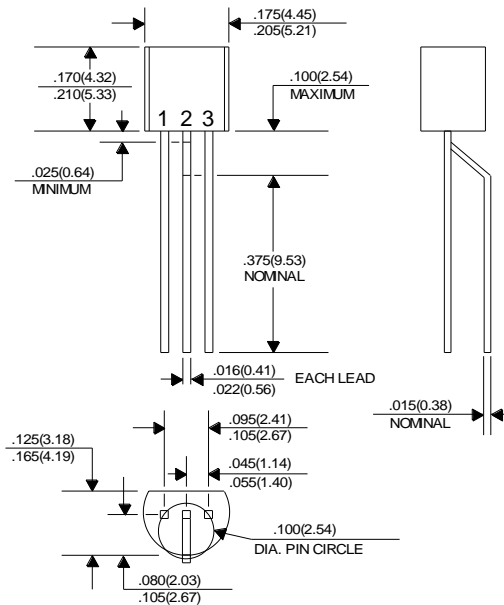
Effective Date of Change:

First quarter of 2003.

Sample Availability:

Please contact Salesperson or Manufacturer's Representative.

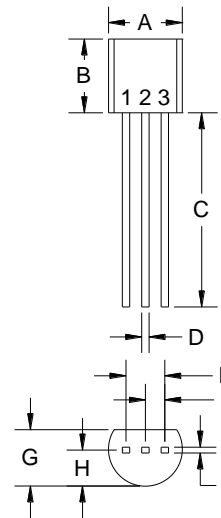
Figures:



Lead Code

- 1) Anode
- 2) Gate
- 3) Cathode

Figure 1. Present Package



SYMBOL	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A (DIA)	0.175	0.205	4.45	5.21
B	0.170	0.210	4.32	5.33
C	0.500	-	12.70	-
D	0.016	0.022	0.41	0.56
E	0.100		2.54	
F	0.050		1.27	
G	0.125	0.165	3.18	4.19
H	0.080	0.105	2.03	2.67
I	0.015		0.38	

TO-92 (REV: R1)

R1

Lead Code

- 1) Anode
- 2) Gate
- 3) Cathode

Figure 2. New Package

Part Numbers Affected:

- BRX44
- BRX45
- BRX46
- BRX47
- BRX48
- BRX49
- CEN519
- CS55B
- CS55BZ
- CS55D
- CS55DZ
- C103A
- C103B
- C103Y
- C103YY