

6367255 MOTOROLA SC (DIODES/OPTO)

34C 38151 D

SILICON THYRISTOR DIE (continued)

T-25-09

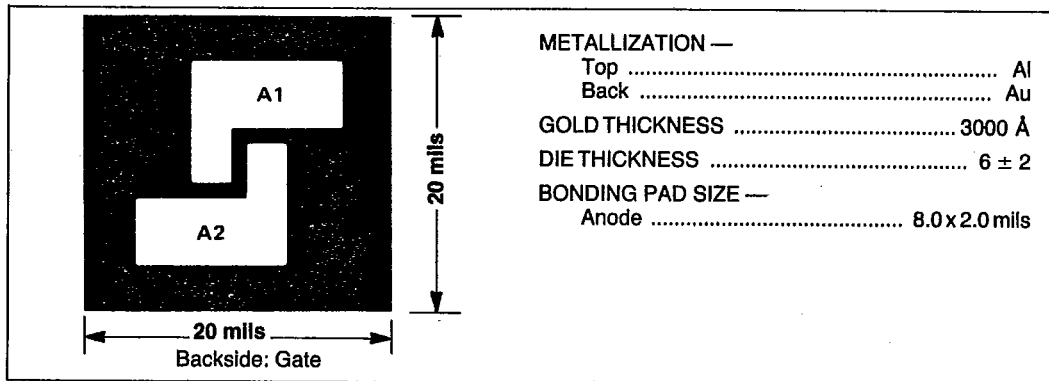
DIE NO. 2C4991
 LINE SOURCE — DTL71



SBS-Silicon
 Bidirectional Switch

Device assembled from this die type are similar to the following device types:

- MBS4991
- MBS4992
- 2N4991
- 2N4992
- 2N4993



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ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$, Note 1)

Parameter	Test Conditions	Min	Max	Unit
V_s	$I_s = 120 \mu\text{A}_{dc}$	6.0	10	Vdc

- NOTES: 1. Because of the limitations of probe testing, only dc parameters are tested. These parameters must be measured using pulse techniques: pulse width $\leq 300 \mu\text{s}$, duty cycle $\leq 2\%$.
 2. Detailed device characteristics are available from your Motorola sales representative.