SOT–23 (TO–236)
CASE 318–08
ISSUE AS
DATE 30 JAN 2018

NOTES:
2. CONTROLLING DIMENSION: MILLIMETERS.
3. MAXIMUM LEAD THICKNESS INCLUDES LEAD FINISH.
   MINIMUM LEAD THICKNESS IS THE MINIMUM THICKNESS OF
   THE BASE MATERIAL.
4. DIMENSIONS D AND E DO NOT INCLUDE MOLD FLASH,
   PROTRUSIONS, OR GATE BURRS.

**This information is generic. Please refer to device data sheet for actual part marking.

Pb–Free indicator, “G” or microdot “/C0071”, may or may not be present.

**Note: Microdot may be in either location

*STYLE 1 THRU 5: CANCELLED

**STYLE 7:
- PIN 1: BASE
- PIN 2: Emitter
- PIN 3: Collector

**STYLE 8:
- PIN 1: ANODE
- PIN 2: NO CONNECTION
- PIN 3: CATHODE

**STYLE 9:
- PIN 1: ANODE
- PIN 2: NO CONNECTION
- PIN 3: CATHODE

**STYLE 10:
- PIN 1: DRAIN
- PIN 2: SOURCE
- PIN 3: GATE

**STYLE 11:
- PIN 1: ANODE
- PIN 2: CATHODE
- PIN 3: ANODE–CATHODE

**STYLE 12:
- PIN 1: CATHODE
- PIN 2: CATHODE
- PIN 3: GATE

**STYLE 13:
- PIN 1: SOURCE
- PIN 2: CATHODE
- PIN 3: ANODE

**STYLE 14:
- PIN 1: CATHODE
- PIN 2: GATE
- PIN 3: ANODE

**STYLE 15:
- PIN 1: GATE
- PIN 2: CATHODE
- PIN 3: ANODE

**STYLE 16:
- PIN 1: DRAIN
- PIN 2: SOURCE
- PIN 3: GATE

**STYLE 17:
- PIN 1: NO CONNECTION
- PIN 2: CATHODE
- PIN 3: ANODE

**STYLE 18:
- PIN 1: NO CONNECTION
- PIN 2: CATHODE
- PIN 3: GATE

**STYLE 19:
- PIN 1: CATHODE
- PIN 2: ANODE
- PIN 3: CATHODE–ANODE

**STYLE 20:
- PIN 1: CATHODE
- PIN 2: ANODE
- PIN 3: CATHODE

**STYLE 21:
- PIN 1: GATE
- PIN 2: SOURCE
- PIN 3: DRAIN

**STYLE 22:
- PIN 1: RETURN
- PIN 2: OUTPUT
- PIN 3: INPUT

**STYLE 23:
- PIN 1: ANODE
- PIN 2: CATHODE
- PIN 3: SOURCE

**STYLE 24:
- PIN 1: GATE
- PIN 2: DRain
- PIN 3: SOURCE

**STYLE 25:
- PIN 1: ANODE
- PIN 2: CATHODE
- PIN 3: GATE

**STYLE 26:
- PIN 1: CATHODE
- PIN 2: GATE
- PIN 3: NO CONNECTION

**STYLE 27:
- PIN 1: CATHODE
- PIN 2: ANODE
- PIN 3: CATHODE

**STYLE 28:
- PIN 1: ANODE
- PIN 2: CATHODE
- PIN 3: ANODE

**STYLE 29:
- PIN 1: GATE
- PIN 2: INpUT
- PIN 3: OUTPUT

**STYLE 30:
- PIN 1: SOURCE
- PIN 2: OUTPUT
- PIN 3: INPUT

**STYLE 31:
- PIN 1: CATHODE
- PIN 2: ANODE
- PIN 3: CATHODE

**STYLE 32:
- PIN 1: GATE
- PIN 2: Source
- PIN 3: OUTPUT
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<th>DATE</th>
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<td>AJ</td>
<td>ADDED STYLE 27. REQ. BY P. LEM.</td>
<td>07 JUL 2004</td>
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<td>AK</td>
<td>OBSOLETED –09 VERSION. REQ. BY D. TRUHITTE.</td>
<td>14 SEP 2004</td>
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<td>ADDED NOMINAL VALUES AND UPDATED GENERIC MARKING DIAGRAM. REQ. BY HONG XIAO.</td>
<td>27 MAY 2005</td>
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<td>AM</td>
<td>REDREW LEAD SIDE VIEW. REQ BY DARRELL TRUHITTE.</td>
<td>26 AUG 2005</td>
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<td>AN</td>
<td>REINTRODUCED LABELS FOR DIMENSION C. REQ. BY D. TRUHITTE.</td>
<td>14 OCT 2005</td>
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<td>AP</td>
<td>ADDED THETA DEGREE VALUES TO DIMENSION TABLE. REQ. BY D. TRUHITTE.</td>
<td>17 NOV 2009</td>
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<td>AR</td>
<td>MODIFIED DIMENSIONS C AND L. REQ. BY M. YOU.</td>
<td>10 OCT 2016</td>
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<td>ADDED STYLE 28. REQ. BY E. ESTILLER.</td>
<td>30 JAN 2018</td>
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