

## P-Channel Enhancement Mode MOSFET

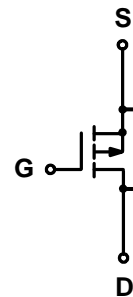
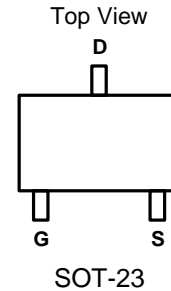
### Features

- 20V/-4A,  
 $R_{DS(ON)}=40m\Omega$  (typ.) @  $V_{GS}=-4.5V$   
 $R_{DS(ON)}=55m\Omega$  (typ.) @  $V_{GS}=-2.5V$
- Super High Dense Cell Design
- Reliable and Rugged
- Lead Free and Green Devices Available  
(RoHS Compliant)

### Applications

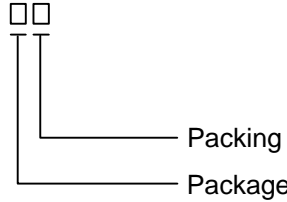
- Power Management in Notebook Computer, Portable Equipment and Battery Powered Systems

### Pin Description



P Channel MOSFET

### Ordering and Marking Information

|   |  |
|---|--|
| <p>AM2305</p>  <p>Packing</p> <p>Package</p> | <p>Package<br/>R : SOT23-3L</p> <p>Packing<br/>Blank : Tube<br/>A : Taping</p> |
| <p>AM2305 :      <span style="border: 1px solid black; padding: 2px;">A5XXX</span>      XXX - Date Code</p>                     |  |

Note: AXEelite lead-free products contain molding compounds/die attach materials and 100% matte tin plate termination finish; which are fully compliant with RoHS. AXEelite lead-free products meet or exceed the lead-free requirements of IPC/JEDEC J-STD-020C for MSL classification at lead-free peak reflow temperature. AXEelite defines "Green" to mean lead-free (RoHS compliant) and halogen free (Br or Cl does not exceed 900ppm by weight in homogeneous material and total of Br and Cl does not exceed 1500ppm by weight).

AXEelite reserves the right to make changes to improve reliability or manufacturability without notice, and advise customers to obtain the latest version of relevant information to verify before placing orders. 1

**Axelite Confidential Materials, do not copy or distribute without written consent**

Rev.1.0 Sep.06, 2010