



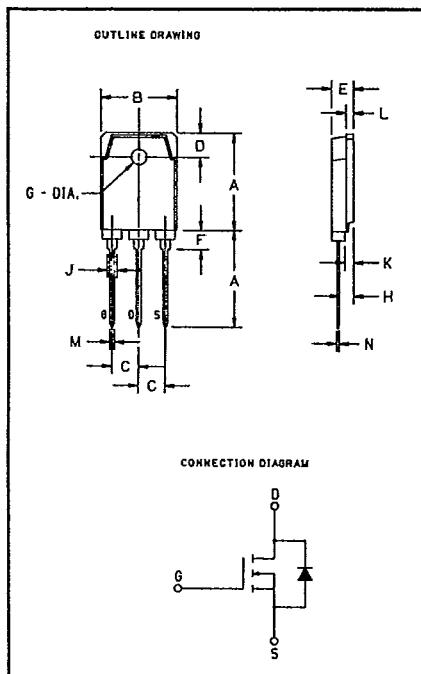
JS0245A1

T-39-13

JS0250A1

Tentative

Powerex, Inc., Hillis Street, Youngwood, Pennsylvania 15697 (412) 925-7272

**Single EXMOS™ MOSFET****15 Amperes/450-500 Volts**450-500 Volts JS0245A1, JS0250A1  
Outline Drawing

Dimension	Inches	Millimeters
A	.787	20
B	.614	15.6
C	.214 ± .008	5.45 ± 0.2
D	.197	5
E	.177	4.5
F	.157	4
G	.126 ± .008 Dia.	3.2 ± 0.2 Dia.
H	.110	2.8
J	.079	2
K	.071	1.8
L	.059	1.5
M	.039	1
N	.024	0.6

**Description**

Powerex Single EXMOS™ MOSFET Transistors are designed for use in applications requiring Hi-Frequency switching and low loss control.

**Features:**

- TO-3P Package
- Vertical DMOS Construction
- High Speed Body Diode
- Low Drive Requirement
- No Second Breakdown

**Applications:**

- AC Motor Control
- UPS Inverters
- Switch Mode Power Supply
- PWM Regulator

**Ordering Information**

Select the complete eight digit module part number you desire from the table-i.e. JS0250A1 is a 500 Volt, 15 Ampere Single EXMOS™ MOSFET.

Type	V <sub>DSS</sub> Volts (x10)	Current Rating Amperes (15)
JS02	45	A1
	50	

