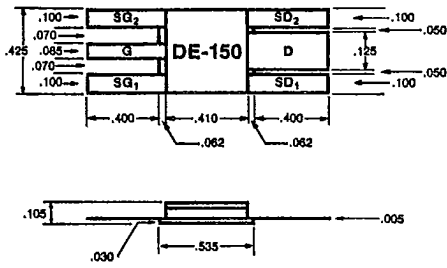


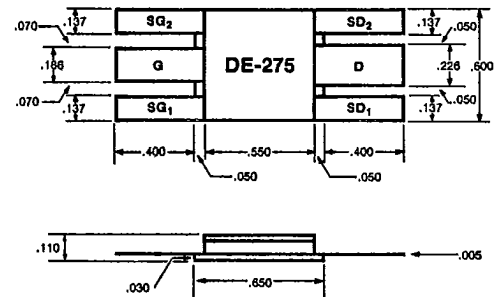
T-39-13

### DE-150 SERIES FAST POWER™ MOSFET



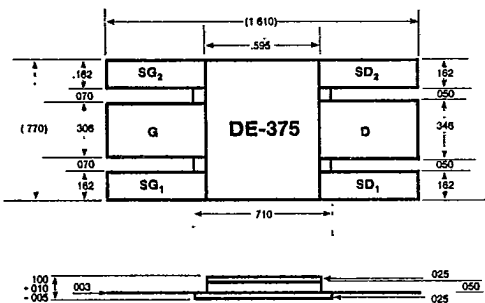
PART NO.	V <sub>DS</sub> (V)	I <sub>D</sub> (A)	I <sub>DM</sub> (A)	R <sub>DS(ON)</sub> (ohms)	T <sub>r</sub> (ns)	P <sub>D</sub> (W)	C <sub>ISS</sub> (pF)	C <sub>OSS</sub> (pF)	C <sub>RSS</sub> (pF)
150-102N02-00	1000	2.0	16	6.0	5	80	600	40	5
150-501N04-00	500	4.5	36	1.5	5	80	600	50	5
150-101N09-00	100	9.0	72	0.16	5	80	600	160	15

### DE-275 SERIES FAST POWER™ MOSFET



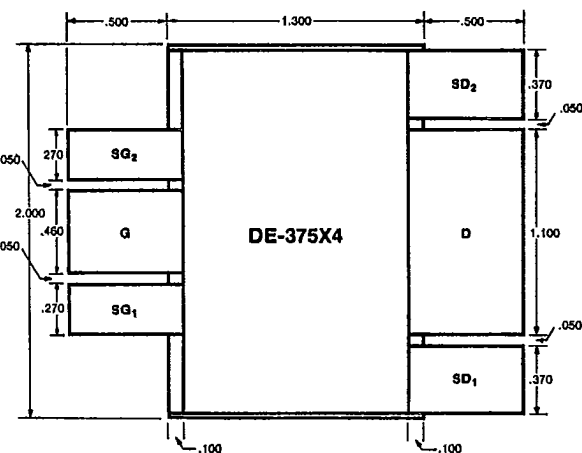
PART NO.	V <sub>DS</sub> (V)	I <sub>D</sub> (A)	I <sub>DM</sub> (A)	R <sub>DS(ON)</sub> (ohms)	T <sub>r</sub> (ns)	P <sub>D</sub> (W)	C <sub>ISS</sub> (pF)	C <sub>OSS</sub> (pF)	C <sub>RSS</sub> (pF)
275-102N05-00	1000	5.0	40	2.60	5	150	2500	75	15
275-501N12-00	500	12.0	96	0.50	5	150	2500	150	25
275-101N30-00	100	30.0	240	0.05	5	150	2500	1800	500

### DE-375 SERIES FAST POWER™ MOSFET



PART NO.	V <sub>DS</sub> (V)	I <sub>D</sub> (A)	I <sub>DM</sub> (A)	R <sub>DS(ON)</sub> (ohms)	T <sub>r</sub> (ns)	P <sub>D</sub> (W)	C <sub>ISS</sub> (pF)	C <sub>OSS</sub> (pF)	C <sub>RSS</sub> (pF)
375-102N11-00	1000	11.0	88	1.20	7	200	3700	100	20
375-301N40-00	300	40.0	320	0.10	7	200	3900	280	85

### DE-375X4 SERIES FAST POWER™ MOSFET



PART NO.	V <sub>DS</sub> (V)	I <sub>D</sub> (A)	I <sub>DM</sub> (A)	R <sub>DS(ON)</sub> (ohms)	T <sub>r</sub> (ns)	P <sub>D</sub> (W)	C <sub>ISS</sub> (pF)	C <sub>OSS</sub> (pF)	C <sub>RSS</sub> (pF)
375-102N30-00	1000	30.0	240	0.25	8	600	15000	800	80

## How to Order

The DEI parts numbering system consists of three numerical designators in the format below:



The first set identifies the series (150, 275, or 375) of MOSFET, the second set identifies the particular MOSFET, and the third set indicates whether the order is for a MOSFET or a switch module.

## Ordering MOSFETS

For example, you wish to order a 1000V, 5A DE-275 MOSFET your purchase order would read:

275-102N05-00

The "00" indicates MOSFET devices only.

## Ordering Switch Modules

However, if you wish to order an FPS1N driver with a 1000V, 5A DE-275 MOSFET, your purchase order would read:

275-102N05-1N

Please do not hesitate to contact the factory should you have any questions.

Your order will be processed at DEI, 2301 Research Blvd., Suite 101, Fort Collins, CO 80526; phone (303) 493-1901; or FAX (303) 493-1903.



Directed Energy, Inc.  
2301 Research Blvd., Ste. 101  
Fort Collins, Colorado 80526  
303/493-1901 Fax 303/493-1903