

# DIONICS-USA INCORPORATED

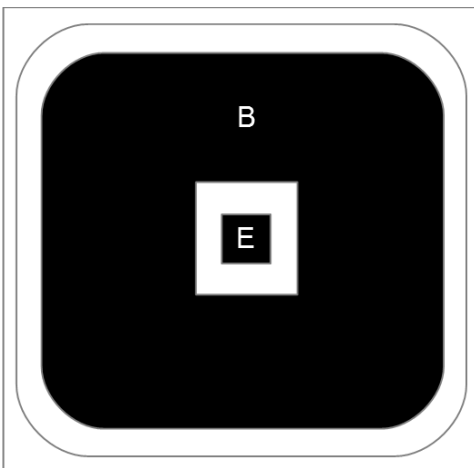
96-B URBAN AVENUE WESTBURY, NEW YORK 11590  
TEL 516-997-7474 FAX 516-997-7479  
www.dionics-usa.com

## DN 1013 TRANSISTOR

HIGH VOLTAGE SMALL SIGNAL NPN  
REPLACEMENT FOR DN 1006-3 TRANSISTOR  
Available in bare die or wafer form

Electrical characteristics TA=25degC

Parameters		Test Condition	Min	Max	Unit
Gain	HFE	IC=100uA, VCE=10V	75	125	
Collector Leakage Current	ICBO	VCB=50V		10	nA
Collector Breakdown Voltage	BVCEO	IC=10uA	50		V
Emitter Breakdown	BVEBO	IE=10uA	6		V
Base Sat Voltage	VBESAT	IC=5mA, IB=0.5mA		0.8	V
Collector Sat Voltage	VCESAT	IC=5mA, IB=0.5mA		1.5	V
Collector Capacitor	COB	VCB=10V, IE=0		15	pF



28mils w x 28mils l x 10mils h ± 1mil

04/2014

