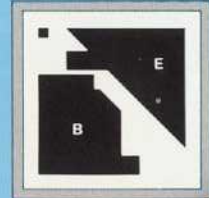


HIGH-FREQUENCY - SMALL SIGNAL NPN

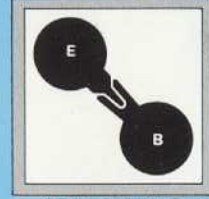
100% Probe Tested to These Parameters @ 25°C

Guaranteed (tested on sample basis)

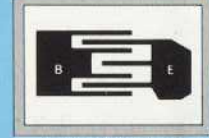
	h_{FE} @ $V_{CE}=1V$	V_{CB0} Volts Min. @ $I_C=1\mu A$ $I_E=0$	V_{CE0} Volts Min. @ $I_C=3mA$ $I_B=0$	V_{EB0} Volts Min. @ $I_B=10\mu A$ $I_C=0$	I_{CBO} nA Max. @ $V_{CB}=15V$ $I_E=0$	V_{CE} (SAT.) Volts Max. @ $I_C=10mA$ $I_B=1mA$	C_{OB} pF Max. @ $V_{CB}=10V$ $I_E=0$ $f=140KHz$	f_t MHz Min. @ $I_C=4mA$ $V_{CE}=10V$ $f=100MHz$	GEOM-ETRY
	$I_C=3mA$								
2N918	20 MIN	30	15	3	10	0.4	1.7	600	E,F
DN918	100 MIN	30	15	5	10	0.25	1.5	800	F
	h_{FE} Min.		BV_{CE0} Min.	BV_{CBO}	I_{CBO} Max.	I_{EBO} Max.	f_t Min.	GEOM-ETRY	
	$V_{CE}=5V$ $I_C=100\mu A$	$V_{CE}=5V$ $I_C=3mA$	$I_{CE}=3mA$ Volts	$I_{CB}=10\mu A$ Volts	$V_{CB}=20V$ nA	$V_{EB}=3V$ nA	$I_C=3mA$ $V_{CE}=5V$ MHz		
2N3572	30	60	20	30	10	10	1000	G	



12.0 x 12.0 MILS



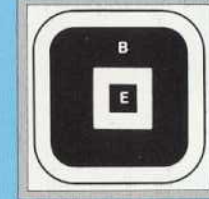
15.0 x 15.0 MILS



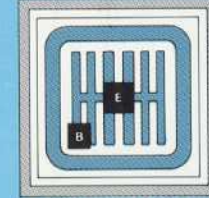
12.0 x 18.0 MILS



60.0 x 60.0 MILS



28.0 x 28.0 MILS



40.0 x 40.0 MILS

HIGH VOLTAGE - SMALL SIGNAL NPN

100% Probe Tested to These Parameters @ 25°C

Guaranteed (tested on sample basis)

	h_{FE} @ $V_{CE}=10V$		V_{CBO} Volts Min. @ $I_C=100\mu A$	V_{CE0} Volts Min. @ $I_C=1mA$	V_{EBO} Volts Min. @ $I_C=20\mu A$	I_{CBO} μA Max. @ $V_{CB}=350V$	V_{CE} (SAT.) Volts Max. @		C_{OB} pF Max. @ $V_{CB}=10V$ $f=1MH$	f_t MHz MIN. @ $V_{CE}=10V$ $I_C=4mA$	GEOM-ETRY
	@ $I_C=20mA$	@ $I_C=100mA$					$I_C=20mA$ $I_B=2mA$	$I_C=100mA$ $I_B=10mA$			
DN-2001	40-160	70 Min.	450	400	6	20	0.20	0.60	10	15	H
	h_{FE} @ $V_{CE}=10V$		BV_{CBO} Volts Min. @ $I_C=10\mu A$ @ $I_E=0$	I_{CER} NA Max. @ $V_{CER}=450V$ $R_{BE}=10K\Omega$	V_{EBO} Volts Min. @ $I_E=10\mu A$ $I_C=0$	V_{BE} (SAT.) Volts Max. @ $I_C=20mA$ $I_B=2mA$	V_{CE} (SAT.) Volts Max. @ $I_C=20mA$ $I_B=2mA$	C_{OB} pF Max. @ $V_{CB}=10V$ $I_E=0$ $f=100kHz$	f_t MHz Min. $V_{CB}=10V$ $I_C=10mA$	GEOM-ETRY	
DN 1006-2	20	20	450	500	6.0	0.85	10	20 pf	15 MHz	I	
	h_{FE} @ $V_{CE}=10V$		BV_{CBO} Volts Min. @ $I_C=10\mu A$	BV_{CE0} Volts Min. @ $I_C=50\mu A$	BV_{EBO} Volts Min. @ $I_C=20\mu A$	I_{CBO} μA Max. @ $V_{CB}=350V$	V_{CE} (SAT.) Volts Max. @ $I_C=50mA$ $I_B=5mA$	C_{OB} pF Max. @ $V_{CB}=10V$ $f=1MHz$	f_t MHz Min. $V_{CB}=10V$ $I_C=10mA$	GEOM-ETRY	
DN 1008	30 MIN	40 - 160	450	350	6	20	0.5	10	15	J	