

New Jersey Semi-Conductor Products, Inc.

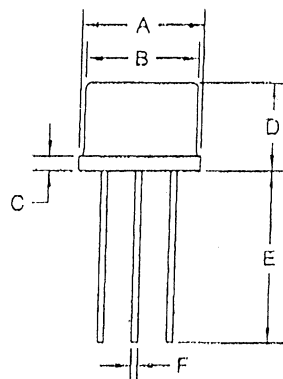
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NPN MEDIUM-POWER SWITCHING TRANSISTORS

TYPE NUMBER	PACKAGE	V _{CE0} max. (V)	I _c max. (mA)	P _{tot} max. (mW)	h _{FE} min.	h _{FE} max.	f _T min. (MHz)	t _{off} max. (ns)	PNP COMPL.
2N2219	TO-39	30	800	800	100	300	250	250	2N2905
2N2219A	TO-39	40	800	800	100	300	300	250	2N2905A
BFX34	TO-39	60	2000	870	40	150	70	1200	-
BFX85	TO-39	60	1000	800	70	>70	50	360 typ.	-
BSW66A	TO-39	100	1000	800	30	>30	130 typ.	900 typ.	-
BSW67A	TO-39	120	1000	800	30	>30	130 typ.	900 typ.	-
BSW68A	TO-39	150	1000	800	30	>30	130 typ.	900 typ.	-
BSX32	TO-39	40	1000	800	20	>60	300	60	-
BSX59	TO-39	45	1000	800	30	90	250	60	-
BSX61	TO-39	45	1000	800	30	90	250	100	-
BSX62	TO-39	40	3000	5000	63	250	70 typ.	1500	-
BSX62-10	TO-39	40	3000	5000	63	160	70 typ.	1500	-
BSX62-16	TO-39	40	3000	5000	100	250	70 typ.	1500	-
BSX63	TO-39	60	3000	5000	63	250	70 typ.	1500	-
BSX63-10	TO-39	60	3000	5000	63	160	70 typ.	1500	-
BSX63-16	TO-39	60	3000	5000	100	250	70 typ.	1500	-

TO-39 CASE - MECHANICAL OUTLINE



SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A (DIA)	0.335	0.370	8.51	9.40
B (DIA)	0.315	0.335	8.00	8.51
C	-	0.040	-	1.02
D	0.240	0.260	6.10	6.60
E	0.500	-	12.70	-
F (DIA)	0.016	0.021	0.41	0.53
G (DIA)	0.200		5.08	
H	0.100		2.54	
I	0.028	0.034	0.71	0.86
J	0.029	0.045	0.74	1.14

TO-39 (REV: R1)



Quality Semi-Conductors