
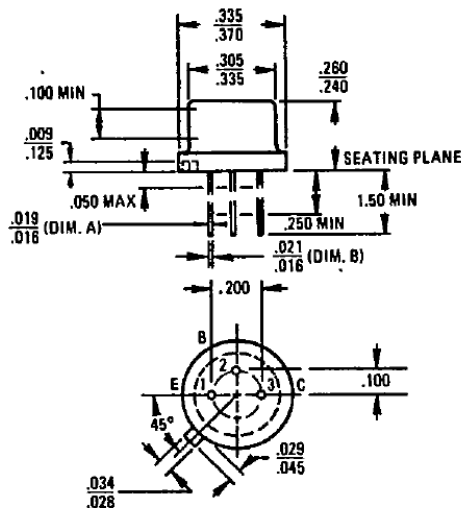


ELECTRICAL CHARACTERISTICS (TO-5 CASE)

TYPE	INTRINSIC STANDOFF RATIO η		INTERBASE RESISTANCE r_{BB}		PEAK-POINT CURRENT I_P	EMITTER REV. CURRENT $I_{EB20} @ V_{B2E}$		VALLEY-POINT CURRENT I_V	BASE 1 PEAK VOLTAGE V_{OB1}	CASE
	MIN.	MAX.	MIN.	MAX.	MAX.	MAX.		MIN.	MIN.	
			k Ω	k Ω	μ A	μ A	V	mA	V	
2N489	0.51	0.62	4.7	6.8	12	2.0	60	8.0	—	
2N489A	0.51	0.62	4.7	6.8	12	2.0	60	8.0	3.0	
2N489B	0.51	0.62	4.7	6.8	6.0	0.2	30	8.0	3.0	
2N490	0.51	0.62	6.2	9.1	12	2.0	60	8.0	—	
2N490A	0.51	0.62	6.2	9.1	12	2.0	60	8.0	3.0	
2N490B	0.51	0.62	6.2	9.1	6.0	0.2	30	8.0	3.0	
2N490C	0.51	0.62	6.2	9.1	2.0	0.02	30	8.0	3.0	
2N491	0.56	0.68	4.7	6.8	12	2.0	60	8.0	—	
2N491A	0.56	0.68	4.7	6.8	12	2.0	60	8.0	3.0	
2N491B	0.56	0.68	4.7	6.8	6.0	0.2	30	8.0	3.0	
2N492	0.56	0.68	6.2	9.1	12	2.0	60	8.0	—	
2N492A	0.56	0.68	6.2	9.1	12	2.0	60	8.0	3.0	
2N492B	0.56	0.68	6.2	9.1	6.0	0.2	30	8.0	3.0	
2N492C	0.56	0.68	6.2	9.1	2.0	0.02	30	8.0	3.0	
2N493	0.62	0.75	4.7	6.8	12	2.0	60	8.0	—	
2N493A	0.62	0.75	4.7	6.8	12	2.0	60	8.0	3.0	
2N493B	0.62	0.75	4.7	6.8	6.0	0.2	30	8.0	3.0	
2N494	0.62	0.75	6.2	9.1	12	2.0	60	8.0	—	
2N494A	0.62	0.75	6.2	9.1	12	2.0	60	8.0	3.0	
2N494B	0.62	0.75	6.2	9.1	6	0.2	30	8.0	3.0	
2N494C	0.62	0.75	6.2	9.1	2.0	0.02	30	8.0	3.0	
2N1671	0.47	0.62	4.7	9.1	25	12	30	8.0	—	
2N1671A	0.47	0.62	4.7	9.1	25	12	30	8.0	3.0	
2N1671B	0.47	0.62	4.7	9.1	6.0	0.2	30	8.0	3.0	
2N1671C	0.47	0.62	4.7	9.1	2.0	0.02	30	8.0	3.0	
2N2160	0.47	0.80	4.0	12	25	12	30	8.0	3.0	
2N3479	0.47	0.62	4.7	9.1	20	12	30	4.0	3.0	
2N3480	0.56	0.75	4.7	9.1	20	12	30	4.0	3.0	
2N3481	0.70	0.85	4.7	9.1	20	12	30	4.0	3.0	
2N3482	0.51	0.62	4.7	6.8	2.0	0.02	30	4.0	4.0	
2N3483	0.60	0.72	4.7	9.1	5.0	1.0	30	4.0	4.0	
2N3484	0.70	0.85	6.2	9.1	5.0	0.2	30	4.0	6.0	

TO-5



DIMENSIONAL CHARACTERISTICS

PRODUCT ABSTRACT

Unijunction Transistors (UJT) are highly stable trigger devices designed for use in a variety of applications over a wide temperature range. These applications include: Pulse Generators, Saw Tooth Generators, Frequency Dividers, Timing Circuits, and Oscillators. American Microsemiconductor Inc. UJTs are available in hermetically sealed metal packages as well as a low cost epoxy molded package.

