

METAL CAN RF TRANSISTORS

T-31-01

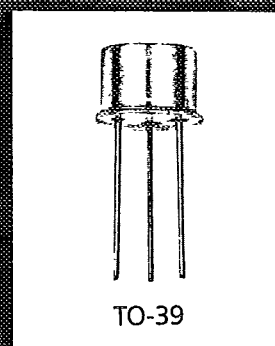
COMMUNICATIONS

- VHF/UHF Amplifiers
- Log Amplifiers
- CATV/MATV Amplifiers
- Microwave Amplifiers

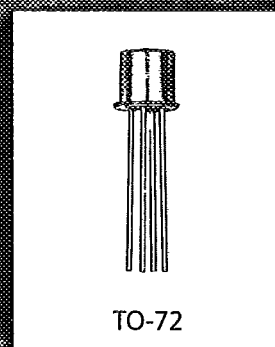
INSTRUMENTATION

- Wideband Preamplifiers
- Oscilloscopes
- Spectrum Analyzers
- Frequency Counters

TYPE NUMBER	MAXIMUM RATINGS			TYPICAL CHARACTERISTICS								
	V _{CEO} (V)	I _C (mA)	P _T (W)	GAIN-BW		NOISE FIGURE		POWER GAIN				
				f _T (GHz)	f _T (mA)	NF (dB)	f _{max} (MHz)	f _{max} (mA)	200 MHz	500 MHz	800 MHz	2000 MHz
METAL - TO-39												
NPN												
A210	25	150	1.5	1.2	150	<6	200	30	16		6.5	
A234	18	150	1.5	3.5 4.0	75 150	8	500	120		16		
A268	18	300	3.0	4	240				23	16	12	
BFR95	25	150	1.5	3.5	80	9	200	80	9 (40-300 MHz)			
METAL - TO-72												
NPN												
A400	15	25	0.2	5	14	2.3	200	2		18.5		
A401	12	35	0.15	5	30	1.9	500	2		16.5		
A402	15	25	0.2	5	14	1.8	500	4		19		
A403	12	35	0.2	5	30	1.5	500	4		16		
A406	15	75	0.5	5	50	4	200	50		13.5		
A424	5	2.5	0.05	2.3	1	3.8	500	1	24	17	11	
A425	10	50	0.25	7.5	15	2.5	2000	5				12.5
A430	10	50	0.25	1.6	50	<5	500	2	21		7.5	
A485	15	25	0.2	>1.0 >1.3	2 25	<3.5 <5	200 500	2	30	22	10	
A490	15	25	0.2	>1	15	<5.5	200	15	30	22	10	
BFX89	15	25	0.2	1.0 1.2	2 25	<4 <6.5	200 500	2	28		10	
2N2857	15	40	0.2	>1	2	<4.5	450	1.5		15		
2N5053	15	25	0.2	1.2 1.4	2 25	<3.5 <5	200 450	2	36	22		
2N5054	15	25	0.2	1.5 1.7	2 25	<3.5 <4	200 450	2	36	22		
2N6595	15	25	0.2	>3.5	14	<3.2	200	2		16.5		
2N6596	15	25	0.2	>4	14	<2	200	2		18		
2N6597	12	35	0.2	>3.5	30	<3.2	200	2		14.5		
2N6598	12	35	0.2	>4	30	<2	200	2		15.5		
2N6599	15	75	0.5	>3	50	<4	200	5		12		
2N6600	15	75	0.5	>3.5	50	4	200	50		13.5		
2N6601	10	50	0.25	1.8	30	<4 <5	200 500	2	21		7.5	
PNP												
A440	15	25	0.2	5	14	2.3	200	2		18		
A441	12	35	0.15	5	30	2.4	200	2		14		
A446	15	75	0.5	4	50	4	500	50		12		



TO-39



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