

T-31-01

PLASTIC RF TRANSISTORS

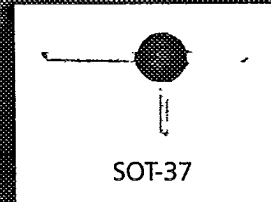
COMMUNICATIONS

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

INSTRUMENTATION

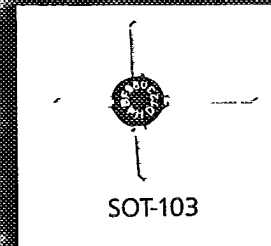
- Wideband Preamplifiers
- Oscilloscopes
- Spectrum Analyzers
- Frequency Counters

TYPE NUMBER	MAXIMUM RATINGS			TYPICAL CHARACTERISTICS									
	V _{CEO} (V)	I _C (mA)	P _C (W)	GAIN-BW		NOISE FIGURE			POWER GAIN				
				(GHz)	(mA)	NF (dB)	(MHz)	(mA)	300 MHz	500 MHz	800 MHz	1000 MHz	2000 MHz

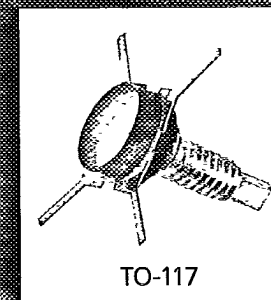


PLASTIC T-PACK – SOT-37

NPN													
A486	15	25	0.19	1.0 1.6	2 25	4	500	2		15	11		
BFQ34T	18	150	1.0	3.7	100				20				
BFQ65	10	50	0.3	7.5	15	2.5 3	2000 2000	5 15					8
BFR90	15	25	0.18	5	14	2.4	500	2		19.5		13.5	
BFR90A	15	25	0.18	5	14	1.8 3.6	800 2000	4 4		19.5		13.5	
BFR91	12	35	0.18	5	30	1.9	500	2		18		12	
BFR91A	12	35	0.3	6	30	1.6 2.3	800 800	4 30			14		
BFR96	15	75	0.5	5.5	75	3.3	500	50		15.2		9.5	
BFR96S	15	100	0.7	5	70	4	800	70			11.5		
BFT24	5	2.5	0.03	2.3	1	3.8	500	1		17	11		
BFW92A	15	25	0.2	2.8	25	2.5	800	2			13		
BFW93	10	50	0.19	1.7	50	<5	500	2	16.5		10.5		



PNP													
BFQ23	12	35	0.18	5	30	2.4	500	2		16.5			
BFQ32	15	75	0.5	4.2 4.6	50 75	3.75	500	50		14			
BFQ51	15	25	0.18	5	14	2.7	500	2		19			

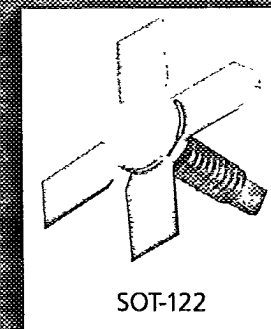


PLASTIC X-PACK – SOT-103

NPN													
BFG34	18	150	1	3.7	100	2.3	800	20		14			7
BFG90A	15	25	0.18	5	14						18		
BFG91A	12	35	0.3	6	30						17		
BFG96	15	150	0.5	5	50						14		

PNP													
BFG23	12	35	0.18	5	30	2.3	800	4			14.5		
BFG32	15	75	0.7	4.5	50	4.3	800	50			13		
BFG51	15	25	0.18	5	14	2.4	800	4			15.9		

STRIP-LINE STUD RF TRANSISTORS



NPN													
BFR94	25	150	2.5	3.5	90 150	5	500	90		13.5			

NPN													
BFQ34	18	150	2.25	3.5	75	8	500	120		16.3			
BFQ68	18	300	4.5	4	240						13		