

2N5447 THROUGH 2N5450

COMPLEMENTARY SILICON GENERAL PURPOSE AF TRANSISTORS

THE 2N5447, 2N5448, 2N5449, 2N5450 ARE SILICON PLANAR EPITAXIAL TRANSISTORS FOR GENERAL PURPOSE MEDIUM POWER AMPLIFIER APPLICATIONS. THE 2N5447, 2N5448 ARE PNP AND ARE COMPLEMENTARY TO THE NPN 2N5449, 2N5450 RESPECTIVELY.

CASE TO-92F



ABSOLUTE MAXIMUM RATINGS <small>For p-n-p devices, voltage and current values are negative.</small>		2N5447 (PNP)	2N5448 (PNP)	2N5449 (NPN) 2N5450 (NPN)
Collector-Base Voltage	V _{CB0}	40V	50V	50V
Collector-Emitter Voltage	V _{CEO}	25V	30V	30V
Emitter-Base Voltage	V _{EB0}	5V	5V	5V
Collector Current	I _C	0.2A	0.2A	0.8A
Collector Peak Current (t ≤ 10μs)	I _{CM}	0.6A	0.6A	
Total Power Dissipation (T _C ≤ 25°C)	P _{tot}		1.2W	
	(T _A ≤ 25°C)		500mW **	
Operating Junction & Storage Temperature	T _j , T _{stg}		-55 to 150°C	

** 360mW in JEDEC registration.

