

Moisture sensitivity level 1
Halogen free and RoHS compliant
Surface mount package ideally suited for automatic Insertion

Signal amplification
Switching circuit

SOT-563
Tin plated leads, solderable per J-STD-002 and JESD22-B102

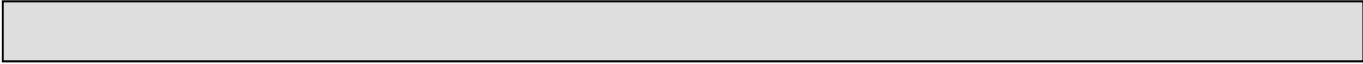
($T_a=25$ Unless otherwise specified)

Device marking code				7P
Collector-base voltage	V_{CBO}	V	$I_C=10\mu A, I_E=0$	50
			$I_C=10mA, I_B=0$	45
Emitter-base voltage	V_{EBO}	V	$I_E=1\mu A, I_C=0$	6
Collector current	I_C	mA		100
Power dissipation	P_D	mW		150
Junction temperature	T_J			-55 to +150
Storage temperature	T_{STG}			-55 to +150



Collector-base voltage	V_{CBO}	V	$I_C = -10\mu A, I_E = 0$	-50
Collector-emitter voltage	V_{CEO}	V	$I_C = -10mA, I_B = 0$	-45
Emitter-base voltage	V_{EBO}	V	$I_E = -1\mu A, I_C = 0$	-5
Collector current	I_C	mA		-100
Power dissipation	P_D	mW		150
Junction temperature	T_J			-55 to +150
Storage temperature	T_{STG}			-55 to +150

Collector-base breakdown voltage	$V_{(BR)CBO}$	V	$I_C = 10\mu A, I_E = 0$	50		
Collector-emitter breakdown voltage	$V_{(BR)CEO}$	V	$I_C = 10mA, I_B = 0$	45		

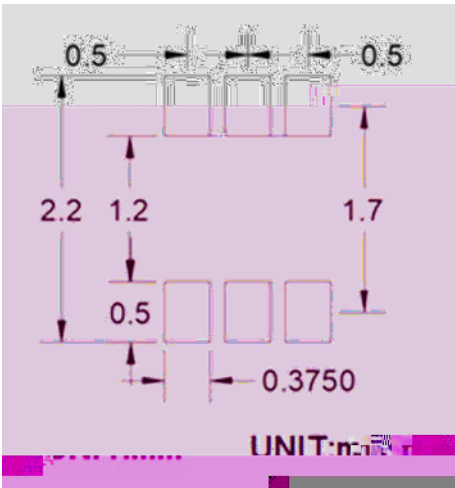








BC847VPN	F2	Approximate 0.0035	3000	30000	120000	7" reel





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