

Micro Commercial Components



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311 Phone: (818) 701-4933 Fax: (818) 701-4939

Features

- Capable of 0.15Watts of Power Dissipation.
- Collector-current: 0.15A
- Collector-base Voltage: -50V .
- Operating and storage junction temperature range: -55°C to +150°C •
- Epoxy meets UL 94 V-0 flammability rating •
- Moisure Sensitivity Level 1 •
- Lead Free Finish/RoHS Compliant ("P" Suffix designates • RoHS Compliant. See ordering information)
- Halogen free available upon request by adding suffix "-HF"

Electrical Characteristics @ 25°C Unless Otherwise Specified

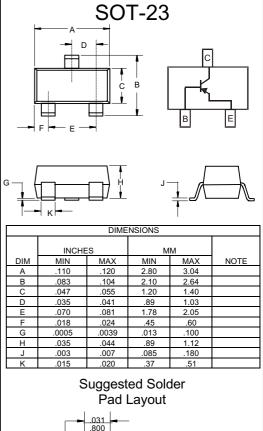
Symbol		Parameter		Min	Max	Units
OFF CHAR	ACTERISTIC	S				
V _{(BR)CEO}	Collector-Emitter Breakdown Voltage (I _c =-1mAdc, I _B =0)		tage	-50		Vdc
V _{(BR)CBO}		llector-Base Breakdown Voltage $I_c=-100uAdc, I_E=0$)				Vdc
V _{(BR)EBO}	Emitter-Base Breakdown Voltage (I _E =-100uAdc, I _C =0)			-5		Vdc
I _{CBO}	Collector Cutoff Current (V _{CB} =-50Vdc, I _E =0)				-0.1	uAdc
I _{EBO}	Emitter Cutoff Current (V _{EB} =-5.0Vdc, I _C =0)				-0.1	uAdc
ON CHAR	ACTERISTICS					
h _{FE}	DC Current Gain (I _c =-2.0mAdc, V _{ce} =-6.0Vdc)			70	400	
V _{CE(sat)}	Collector-Emitter Saturation Voltage (I _c =-100mAdc, I _B =-10mAdc)				-0.3	Vdc
SMALL-SI	GNAL CHARA					
f⊤	Transistor Frequency (I _c =-1.0mAdc, V _{cE} =-10Vdcz)			80		MHz
Cob	Collector Output Capacitance (V_{CB} =-10Vdc, I_E =0, f=1MHz)				7	pF
NF	Noise Figure (V_{CE} =-6Vdc, I _C =0.1mA, f=1KHz, R _g =10K Ω)				10	dB
CLASSIFI	CATION OF H	E (1)				
Rank		0	Y		GR	
Range		70-140	120-240		200-400	

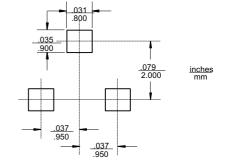
SY

SO

2SA1162-0 2SA1162-Y 2SA1162-GR

PNP Silicon Plastic-Encapsulate Transistor





www.mccsemi.com

SG

Revision: B

Marking

Downloaded from: http://www.datasheetcatalog.com/



Ordering Information :

Device	Packing		
Part Number-TP	Tape&Reel 3 Kpcs/Reel		

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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