

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 $^\circ\!{\rm C}$ to +150 $^\circ\!{\rm C}$
- 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

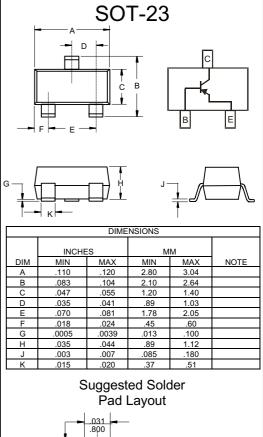
Symbol	Parameter			Min	Max	Units	
OFF CHAR	ACTERISTIC	5					
V _{(BR)CEO}	Collector-Emitter Breakdown Voltage $(I_c=-1mAdc, I_B=0)$		tage	-50		Vdc	
V _{(BR)CBO}	Collector-Base Breakdown Voltage (I _c =-100µAdc, I _E =0)			-50		Vdc	
V _{(BR)EBO}	Emitter-Base Breakdown Voltage (I _E =-100µAdc, I _C =0)			-5		Vdc	
I _{CBO}	Collector Cutoff Current (V _{CB} =-50Vdc, I _E =0)				-0.1	µAdc	
I _{EBO}	Emitter Cutoff Current $(V_{EB}=-5.0Vdc, I_{C}=0)$				-0.1	µAdc	
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	CTERISTICS					
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	120-2	120-240		200-400	

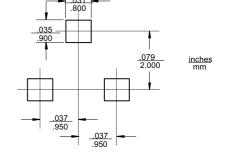
SY

SO

2SA1162-O 2SA1162-Y 2SA1162-GR

PNP Silicon Plastic-Encapsulate Transistor





www.mccsemi.com

Marking

SG



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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