

Micro Commercial Components



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2SA1037-Q 2SA1037-R 2SA1037-S

Features

- Small Package
- Mounting:any position
- 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)

Symbol	Parameter	Value	Unit
l _c	Collector Current	-0.15	A
PD	Total Device Dissipation	0.2	W
TJ	Junction Temperature	150	°C
T _{STG}	Storage Temperature Range	-55 to +150	°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

120-270

FQ

Symbol	Parameter	Min	Max	Units		
OFF CHARACTERISTICS						
V(BR)CEO	Collector-Emitter Breakdov (I _c =-1mAdc,I _B =0)	wn Voltage -50		V		
V(br)CBO	Collector-Base Breakdowr (I _c =-50uAdc,I _E =0)	voltage -60		V		
V(br)EBO	Collector-Base Breakdowr (I _E =-50uAdc,I _C =0)	voltage -6.0		V		
I _{CBO}	Collector-Base Cutoff Curr (V _{CB} =-60Vdc, I _E =0)	ent	-0.1	µAdc		
I _{EBO}	Emitter-Base Cutoff Currer (V _{EB} =-6.0Vdc, I _C =0)	nt	-0.1	uAdc		
ON CHARACTERISTICS						
HFE	DC Current Gain (I _C =-1.0mAdc, V _{CE} =-6.0Vd	c) 120	560			
V _{CE(sat)}	Collector-Emitter Saturatio (I _c =-5.0mAdc, I _B =-5.0mA	0	-0.5	Vdc		
FT	Transition Frequency (VCE=-12Vdc,IC=-2mAdd	c,f=30MHZ) 120		MHZ		
Rank	Q	R	S			

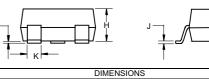
180-390

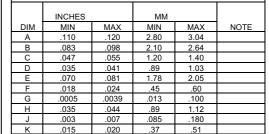
FR

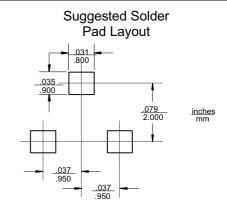
SOT-23					
		С			

PNP Silicon

Epitaxial Transistors







www.mccsemi.com

Range

Marking

270-560

FS



Ordering Information :

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

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