

**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 <sub>c</sub>	Collector Current	-0.15	A
PD	Total Device Dissipation	0.2	W
TJ	Junction Temperature	150	°C
T <sub>STG</sub>	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 <sub>c</sub> =-1mAdc,I <sub>B</sub> =0)	wn Voltage -50		V		
V(br)CBO	Collector-Base Breakdowr (I <sub>c</sub> =-50uAdc,I <sub>E</sub> =0)	voltage -60		V		
V(br)EBO	Collector-Base Breakdowr (I <sub>E</sub> =-50uAdc,I <sub>C</sub> =0)	voltage -6.0		V		
I <sub>CBO</sub>	Collector-Base Cutoff Curr (V <sub>CB</sub> =-60Vdc, I <sub>E</sub> =0)	ent	-0.1	µAdc		
I <sub>EBO</sub>	Emitter-Base Cutoff Currer (V <sub>EB</sub> =-6.0Vdc, I <sub>C</sub> =0)	nt	-0.1	uAdc		
ON CHARACTERISTICS						
HFE	DC Current Gain (I <sub>C</sub> =-1.0mAdc, V <sub>CE</sub> =-6.0Vd	c) 120	560			
V <sub>CE(sat)</sub>	Collector-Emitter Saturatio (I <sub>c</sub> =-5.0mAdc, I <sub>B</sub> =-5.0mA	0	-0.5	Vdc		
FT	Transition Frequency (VCE=-12Vdc,IC=-2mAdd	c,f=30MHZ) 120		MHZ		
Rank	Q	R	S			

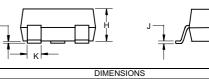
180-390

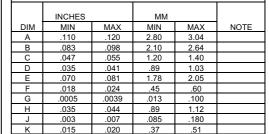
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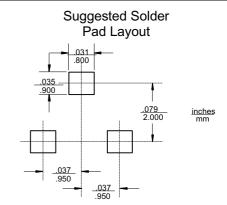
SOT-23					
		С			

**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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