

Micro Commercial Components



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

Features

- TO-92 Plastic-Encapsulate Transistors
- Capable of 0.625Watts(Tamb=25°C) of Power Dissipation.
- Collector-current 0.5A
- Collector-base Voltage 40V
- Operating and storage junction temperature range: -55°C to +150°C
- Marking Code: S9013
- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Epoxy meets UL 94 V-0 flammability rating
- Moisure Sensitivity Level 1
- Halogen free available upon request by adding suffix "-HF"

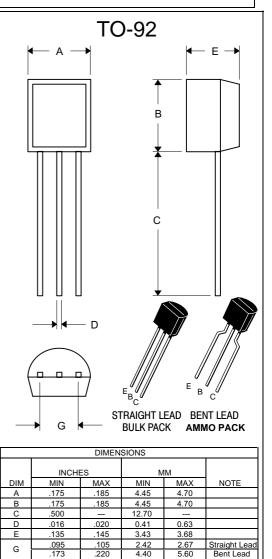
Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Max	Units	
OFF CHARACTERISTICS					
V _{(BR)CBO}	Collector-Base Breakdown Voltage (t _c =100uAdc, t _e =0)	40		Vdc	
V _{(BR)CEO}	Collector-Emitter Breakdown Voltage (l _c =0.1mAdc, l _B =0)	25		Vdc	
V _{(BR)EBO}	Emitter-Base Breakdown Voltage (t _E =100uAdc, t _c =0)	5.0		Vdc	
I _{сво}	Collector Cutoff Current (V _{CB} =40Vdc, <u>k</u> =0)		0.1	uAdc	
ICEO	Collector Cutoff Current (V _{CE} =20Vdc, _b =0)		0.1	uAdc	
ЕВО	Emitter Cutoff Current (V _{EB} =5.0Vdc, է=0)		0.1	uAdc	
ON CHARACTERISTICS					

Vdc					
Vdc					
Vdc					
SMALL-SIGNAL CHARACTERISTICS					
MHz					
CLASSIFICATION OF HELLO					
1					
44-202 190-300					
-					

S9013-G S9013-H S9013-I

NPN Silicon Transistors



For ammo packing detailed specification, click here to visit our website of product packaging for details.

www.mccsemi.com



Ordering Information :

Device	Packing
Part Number-AP	Ammo Packing: 20Kpcs/Carton
Part Number-BP	Bulk: 100Kpcs/Carton

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

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