

Micro Commercial Components



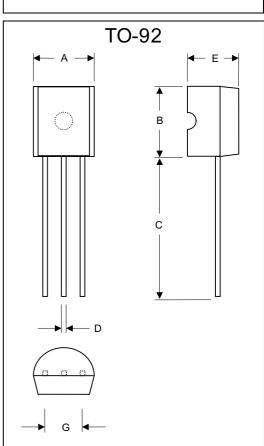
Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

Phone: (818) 701-4933 Fax: (818) 701-4939 S9015-B S9015-C S9015-D

Features

- TO-92 Plastic-Encapsulate Transistors
- Capable of 0.45Watts(Tamb=25°C) of Power Dissipation.
- Collector-current -0.1A
- Collector-base Voltage -50V
- Operating and storage junction temperature range: -55°C to +150°C
- Marking: S9015
- 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

PNP Silicon Transistors



DIMENSIONS					
	INCHES		MM		
DIM	MIN	MAX	MIN	MAX	NOTE
Α	.170	.190	4.33	4.83	
В	.170	.190	4.30	4.83	
С	.550	.590	13.97	14.97	
D	.010	.020	0.36	0.56	
Е	.130	.160	3.30	3.96	
G	.096	.104	2.44	2.64	

Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Max	Units	
OFF CHARAC	OFF CHARACTERISTICS				
$V_{(BR)CBO}$	Collector-Base Breakdown Voltage (├= -100uAdc, ऻ ₌ =0)	-50		Vdc	
V _{(BR)CEO}	Collector-Emitter Breakdown Voltage (⊱= -1.0mAdc, I _B =0)	-45		Vdc	
$V_{(BR)EBO}$	Emitter-Base Breakdown Voltage (= -100uAdc, l _c =0)	-5.0		Vdc	
І _{сво}	Collector Cutoff Current (V _{CB} = -50Vdc, ξ =0)		-0.05	uAdc	
l _{EBO}	Emitter Cutoff Current (V _{EB} = -5.0Vdc, I _C =0)		-0.05	uAdc	

ON CHARACTERISTICS

h _{FE}	DC Current Gain	60	1000	
	(ξ = -1.0mAdc, V_{CE} = -5.0Vdc)			
$V_{CE(sat)}$	Collector-Emitter Saturation Voltage		-0.3	Vdc
. (3.1 4)	(b= -100mAdc, l₃= -10mAdc)			
$V_{BE(sat)}$	Base-Emitter Saturation Voltage		-1.0	Vdc
	(├= -100mAdc, ├ _B = -10mAdc)			

SMALL-SIGNAL CHARACTERISTICS

	f⊤	Transistor Frequency	150		MHz
		(k=-10mAdc, V _{cr} =-5.0Vdc, f=30MHz)			

CLASSIFICATION OF HFE

Rank	В	С	D
Range	100-300	200-600	400-1000



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Ordering Information:

Device	Packing
Part Number-AP	Ammo Packing: 2Kpcs/Ammo Box
Part Number-BP	Bulk: 100Kpcs/Carton

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