

Micro Commercial Components



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

Features

- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Excellent h_{FE} Linearity
- Complementary to 2SC4081
- Epoxy meets UL 94 V-0 flammability rating
- Moisure Sensitivity Level 1

Maximum Ratings

Symbol	Rating	Rating	Unit
V _{CEO}	Collector-Emitter Voltage	-50	V
V _{CBO}	Collector-Base Voltage	-60	V
V _{EBO}	Emitter-Base Voltage	-6	V
I _C	Collector Current	-150	mA
Pc	Collector power dissipation	200	mW
TJ	Junction Temperature	150	°C
T _{STG}	Storage Temperature	-55 to +150	°C

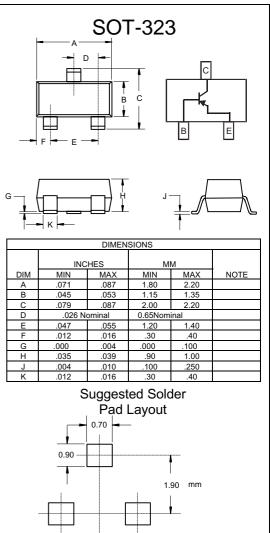
Symbol	Parameter	Min	Тур	Max	Units
OFF CHARA	CTERISTICS				
I _{CBO}	Collector Cutoff Current (V _{CB} =-60Vdc)			-100	nAdc
I _{EBO}	Emitter Cutoff Current (V _{EB} =-6.0Vdc)			-100	nAdc
ON CHARA	CTERISTICS				
BV _{CBO}	Collector-base breakdown voltage (I_c =-50µAdc)	-60			Vdc
BV _{CEO}	Collector-emitter breakdown voltage (lc=-1mAdc)	-50			Vdc
BV_{EBO}	Emitter-base breakdown voltage (I _E =-50µAdc)	-6			Vdc
h _{FE}	DC Current Gain (I _c =-1mAdc, V _{CE} =-6.0Vdc)	120		560	
V _{CE(sat)}	Collector Saturation Voltage (I _c =-50mAdc, I _B =-5.0mAdc)			-0.5	Vdc
C _{ob}	Output Capacitance (V _{CB} =-12.0Vdc, I _E =0, f=1.0MHz)		5.0		pF
f⊤	Gain Bandwidth product (V _{CE} =-12Vdc, I _E =2mAdc,f=30MHz)		100		MHz

hFE **CLASSIFICATION**

Rank	Q	R	S
h _{FE}	120~270	180~390	270~560
Marking	FQ	FR	FS

2SA1576A-Q 2SA1576A-R 2SA1576A-S

PNP Silicon Epitaxial Transistors



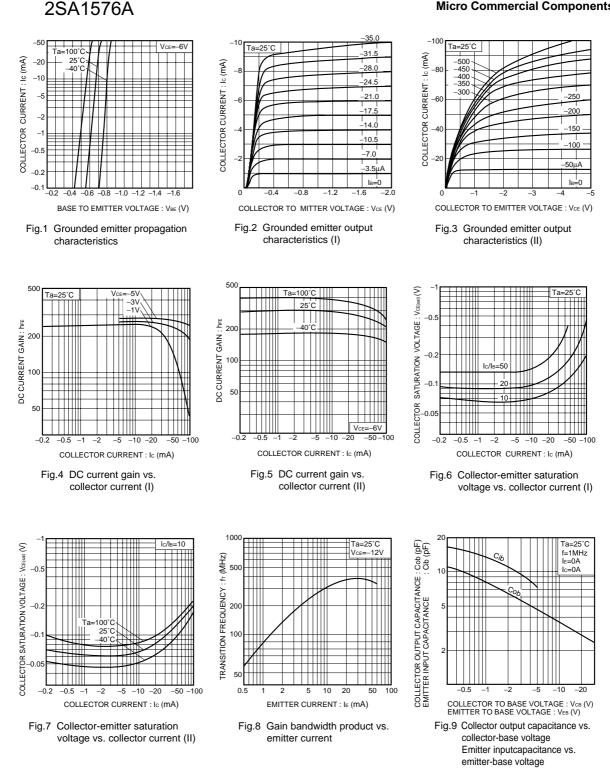
0.65

0.65

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Ordering Information :

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

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LIFE SUPPORT

MCC's products are not authorized for use as critical components in life support devices or systems without the express written approval of Micro Commercial Components Corporation.

CUSTOMER AWARENESS

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