

Micro Commercial Components



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

Features

- Halogen free available upon request by adding suffix "-HF"
- Collector Current: I_{CM}=0.6A
- Collector-Base Voltage: V_{(BR)CBO}=160V
- Operating And Storage Temperatures –55°C to 150°C
- Capable of 0.3Watts of Power Dissipation
- Marking: 2L
- 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

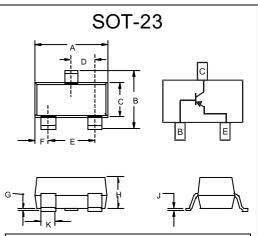
Electrical Characteristics @ 25°C Unless Otherwise Specified

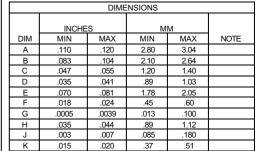
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Symbol	Parameter	Min	Max	Units
OFF CHARA	CTERISTICS			
V _{(BR)CEO}	Collector -Emitter Breakdown Voltage	150		Vdc
	(l _c =1.0mAdc, l _B =0)			
V _{(BR)CBO}	Collector-Base Breakdown Voltage	160		Vdc
	(I _c =100uAdc, I _E =0)			
V _{(BR)EBO}	Emitter-Base Breakdown Voltage	5.0		Vdc
	(I _E =10uAdc, I _C =0)			
I _{CBO}	Collector Cutoff Current		0.1	uAdc
	(V _{CB} =120Vdc, I _E =0)			
I EBO	Emitter Cutoff Current		0.1	uAdc
	(V _{EB} =4.0Vdc, I _C =0)			
ON CHARAC	TERISTICS			
h _{FE-1}	DC Current Gain	80		
	(V _{CE} =5.0Vdc,			
h _{FE-2}	DC Current Gain	100	200	
	(V _{CE} =5.0Vdc,			
h _{FE-3}	DC Current Gain	50		
	(V _{CE} =5.0Vdc,			
V _{CE(sat)}	Collector-Emitter Saturation Voltage			
	(L=50mAdc, I _B =5.0mAdc)		0.5	Vdc
V _{BE(sat)}	Base-Emitter Saturation Voltage			
	(l _c =50mAdc,l _B =5.0mAdc)		1.0	Vdc
SMALL-SIG	NAL CHARACTERISTICS			
f⊤	Current Gain-Bandwidth Product			

(lc=10mAdc, V_{CE}=5.0Vdc, f=30MHz)

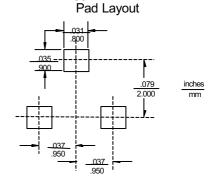
PNP Plastic Encapsulate Transistor

MMBT5401





Suggested Solder



www.mccsemi .com

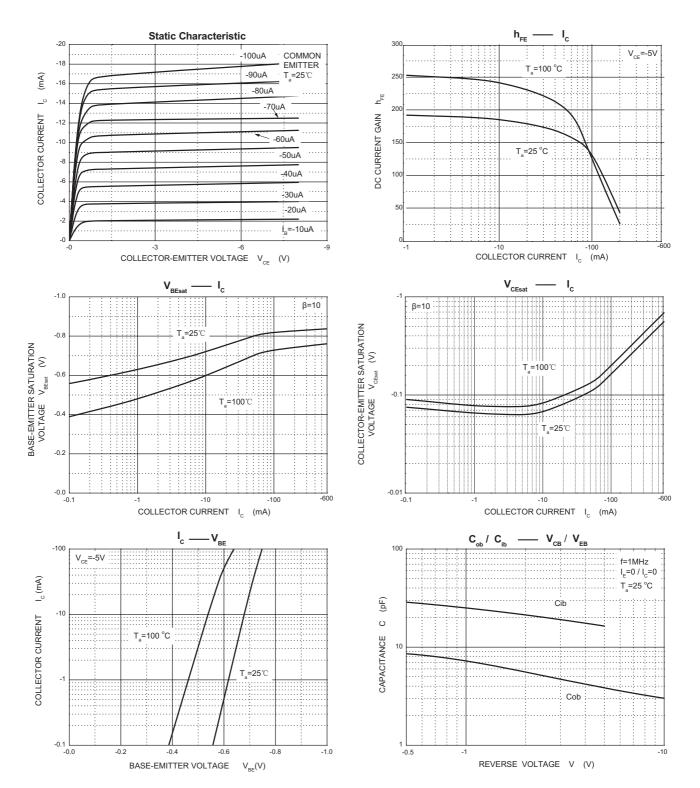
MHz

100

MMBT5401

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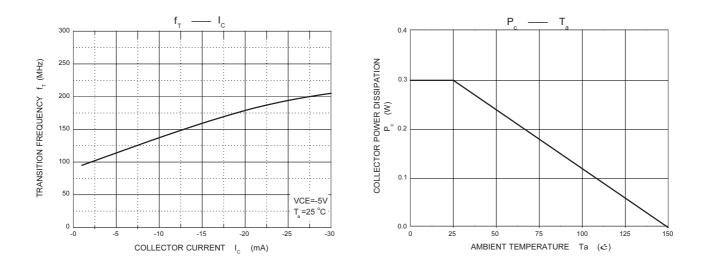
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www.mccsemi.com

MMBT5401

M.C.C. Micro Commercial Components



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Ordering Information :

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

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

*****IMPORTANT NOTICE*****

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CUSTOMER AWARENESS

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