



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Micro Commercial Components

Micro Commercial Components
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 CA 91311
 Phone: (818) 701-4933
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DMMT5401

Features

- Ideal for Low Power Amplification and Switching
- Ultra-small Surface Mount Package
- Epitaxial Planar Die Construction
- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0 and MSL Rating 1
- Marking:K4S

Maximum Ratings @ 25°C Unless Otherwise Specified

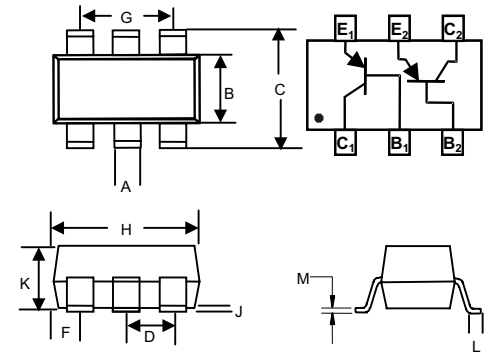
Symbol	Rating	Rating	Unit
V _{CEO}	Collector-Emitter Voltage	-150	V
V _{CBO}	Collector-Base Voltage	-160	V
V _{EBO}	Emitter-Base Voltage	-5	V
I _C	Collector Current-Continuous	-0.2	A
P _D	Power Dissipation	0.2	W
T _J	Operating Junction Temperature	-55 to +150	°C
T _{STG}	Storage Temperature	-55 to +150	°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Max	Units
V _{(BR)CEO}	Collector-Emitter Breakdown Voltage (I _C =-1mA, I _B =0)	-150	---	Vdc
V _{(BR)CBO}	Collector-Base Breakdown Voltage (I _C =-100µA, I _E =0)	-160	---	Vdc
V _{(BR)EBO}	Collector-Emitter Breakdown Voltage (I _E =-10µA, I _C =0)	-5	---	Vdc
I _{CBO}	Collector Cutoff Current (V _{CB} =-120Vdc, I _E =0)	--	0.05	µA
I _{EBO}	Emitter Cutoff Current (V _{EB} =-3Vdc, I _C =0)	---	-0.05	µA
h _{FE}	DC Current Gain (I _C =-1mA, V _{CE} =-5Vdc) (I _C =-10mA, V _{CE} =-5Vdc) (I _C =-50mA, V _{CE} =-5Vdc)	50	---	---
		60	240	
		50	---	
V _{CE(sat)}	Collector-Emitter Saturation Voltage (I _C =-10mA, I _B =-1mA) (I _C =-50mA, I _B =-5mA)	---	-0.2 -0.5	Vdc
V _{BE(sat)}	Base-Emitter Saturation Voltage (I _C =-10mA, I _B =-1mA) (I _C =-50mA, I _B =-5mA)	---	-1 -1	Vdc
f _T	Current Gain-Bandwidth Product (V _{CE} =-10Vdc, I _C =-10mA, f=100MHz)	100	300	MHz
C _{ob}	Output Capacitance (V _{CB} =-10Vdc, f=1.0MHz, I _E =0)	---	6.0	pF
NF	Noise Figure (V _{CE} =-5V, I _C =-0.2mA, f=1KHz, R _S =10Ω)	---	8	dB

Plastic-Encapsulate Transistors

SOT-363



DIM	DIMENSIONS				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	.004	.012	0.10	0.30	
B	.045	.053	1.15	1.35	
C	.079	.087	2.00	2.20	
D	.026		0.65Nominal		
F	.012	.016	0.30	0.40	
H	.071	.087	1.80	2.20	
J	---	.004	---	0.10	
K	.035	.039	0.90	1.00	
L	.010	.016	0.25	0.40	
M	.004	.016	0.10	0.25	



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Ordering Information

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

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