



Micro Commercial Components

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MMST4403

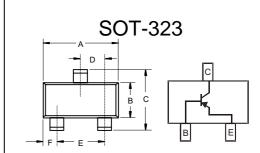
Features

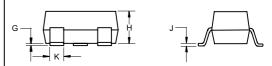
- Halogen free available upon request by adding suffix "-HF"
- Power dissipation: 200mW (T_{amb}=25 °C)
- Collector current: -0.6A
- Marking: K3T
- Operating and Storage junction temperature range -55℃ to + 150℃
- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Epoxy meets UL 94 V-0 flammability rating

Moisure Sensitivity Level 1 Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter		Min	Max	Units		
OFF CHARACTERISTICS (2)							
$V_{(BR)CEO}$	Collector-Emitte (I _C =-1.0mAdc,	-40		Vdc			
$V_{(BR)CBO}$	Collector-Base E (I _C =-100uAdc,	-40		Vdc			
$V_{(BR)EBO}$	Collector-Emitte (I _E =-100uAdc,	-5.0		Vdc			
I _{CBO}	Collector Cutoff (V _{CB} =-35Vdc, I		-0.1	μAdc			
I _{CEO}	Collector Cutoff (V _{CE} =-35Vdc, I		-0.1	μAdc			
I _{EBO}	Emitter Cutoff C (V _{EB} =-4Vdc, I _C =0		-0.1	μAdc			
h _{FE}	DC Current Gair (I _C =-150mAdc,	100	300				
V _{CE(sat)}	Collector-Emitte (I _C =-150mAdc,		-0.4	Vdc			
$V_{BE(sat)}$	Base-Emitter Saturation Voltage (I _C =-150mAdc, I _B =-15mAdc)			-0.95	Vdc		
f⊤	Current Gain-Bandwidth Product (V _{CE} =-10Vdc, I _C =-20mAdc, f=100MHz)		200		MHz		
C_ob	Output Capacitance (V _{CB} =-10Vdc, f=1.0MHz, I _E =0)			8.5	pF		
t _d	Delay Time	V _{CC} =-30V,I _C =-150uA,		15	ns		
t _r	Rise Time	$V_{BE(off)}$ =-2V, I_{B1} =15mA		20	ns		
ts	Storage Time	V _{CC} =-30V, I _C =-150mA,		225	ns		
t _f	Fall Time	$I_{B1}=I_{B2}=-15mA$		30	ns		

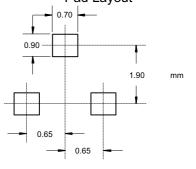
PNP Small Signal Transistors





DIMENSIONS							
	INCHES		MM				
DIM	MIN	MAX	MIN	MAX	NOTE		
Α	.071	.087	1.80	2.20			
В	.045	.053	1.15	1.35			
С	.083	.096	2.10	2.45			
D	.026 Nominal		0.65Nominal				
Е	.047	.055	1.20	1.40			
F	.012	.016	.30	.40			
G	.000	.004	.000	.100			
Н	.035	.039	.90	1.00			
J	.004	.010	.100	.250			
K	.006	.016	.15	.40			

Suggested Solder Pad Layout





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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

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