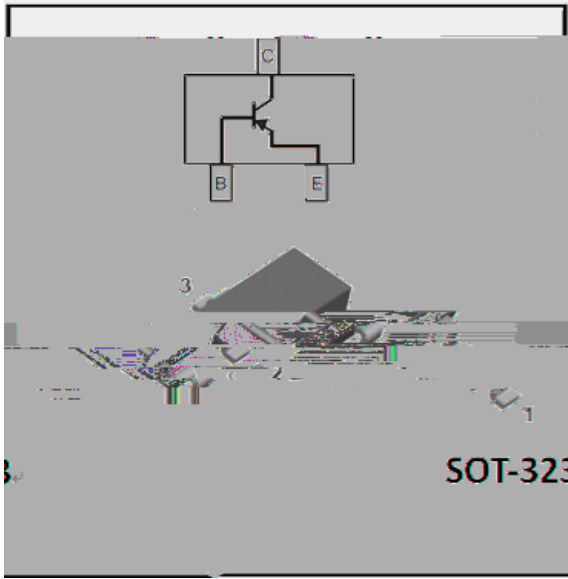


PNP General Purpose Amplifier



Features

- Epoxy meets UL-94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Marking: K3T

Collector-Base Voltage	V_{CBO}	V		-40
Collector-Emitter Voltage	V_{CEO}	V		-40
Emitter-Base Voltage	V_{EBO}	V		-5
Collector Current	I_C	A		-0.6
Collector Power Dissipation	P_C	W		0.2
Operation Junction Temperature	T_j			150
Storage Temperature	T_{stg}			-55 to +150

Electrical Characteristics (Ta=25°C unless otherwise noted)

Collector-emitter breakdown voltage	V_{CEO}	V	$I_C = -1mA, I_B = 0$	-40	
Emitter-base breakdown voltage	V_{EBO}	V	$I_E = -100\mu A, I_C = 0$	-5	
Collector-Base cut-off current	I_{CBO}	μA	$V_{CB} = -35V, I_E = 0$		-0.1
Collector-emitter cut-off current	I_{CEO}	μA	$V_{CE} = -35V, I_B = 0$		-0.1
Collector-emitter saturation voltage	$V_{CE(sat)}$	V	$I_C = -150mA, I_B = -15mA$		-0.4
Base-emitter saturation voltage	$V_{BE(sat)}$	V	$I_C = -150mA, I_B = -15mA$		-0.95



MMST4403

RoHS
COMPLIANT

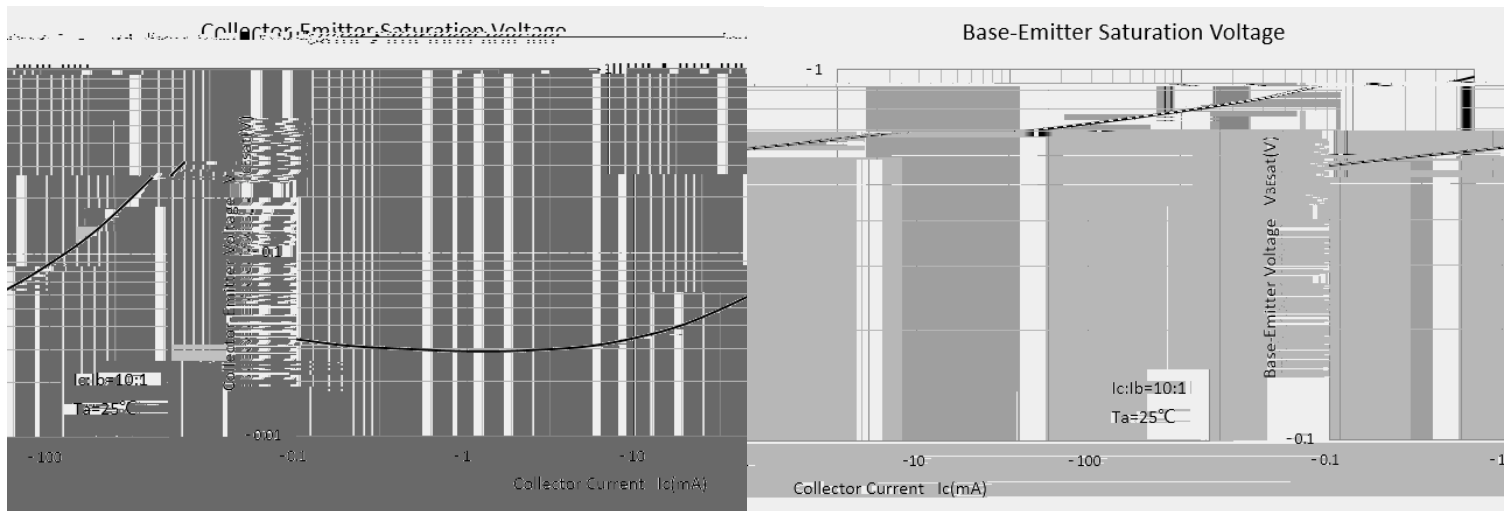
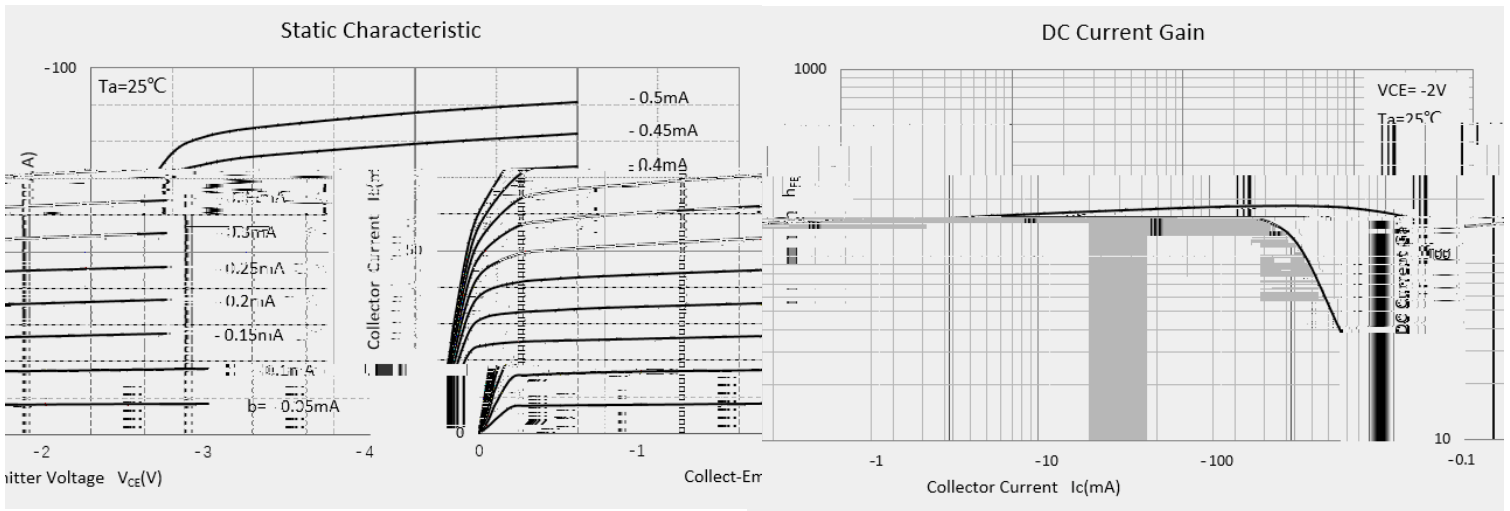
Electrical Characteristics (Ta=25 unless otherwise noted)

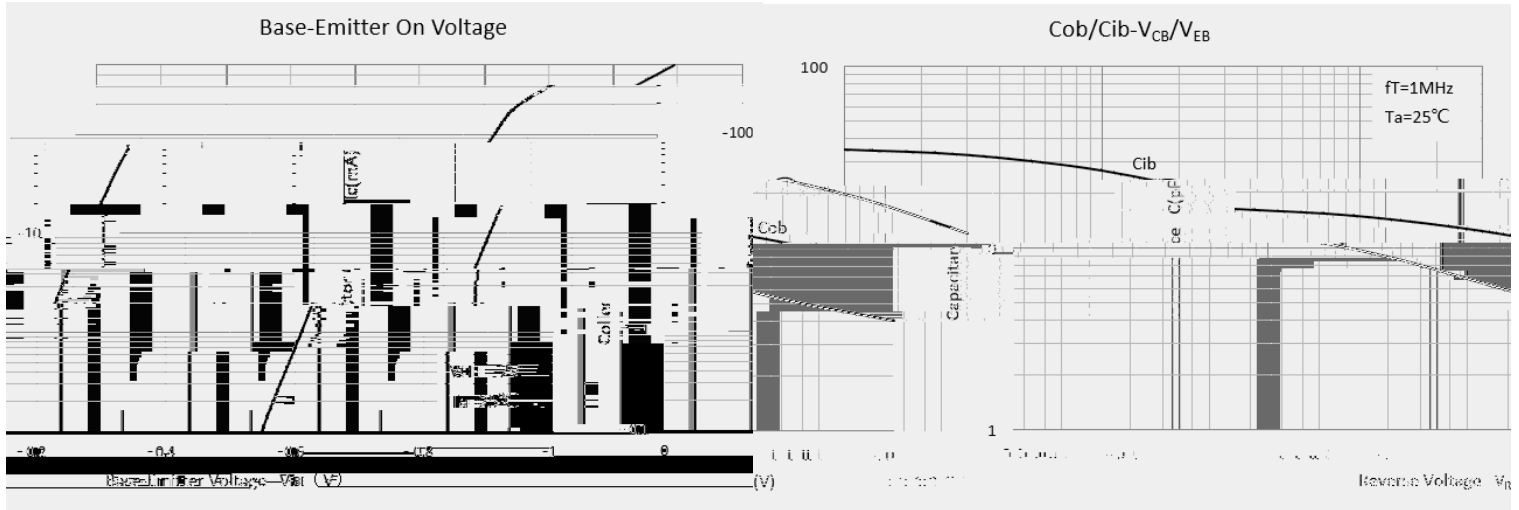
Item	Symbol	Unit	Conditions	Min	Max
Transition frequency	Ft	MHz	VCE=-10V, IC=-20mA, f=100MHz	200	
Delay time	td	ns	VCC=-30V, IC=-150uA VBE off =-2V IB1=-15mA		15
Rise time	tr	ns			20
Storage time	ts	ns	VCC=-30V, IC=-150mA, IB1= IB2=-15mA		225
Fall time	tf	ns			60

Ordering Information (Example)

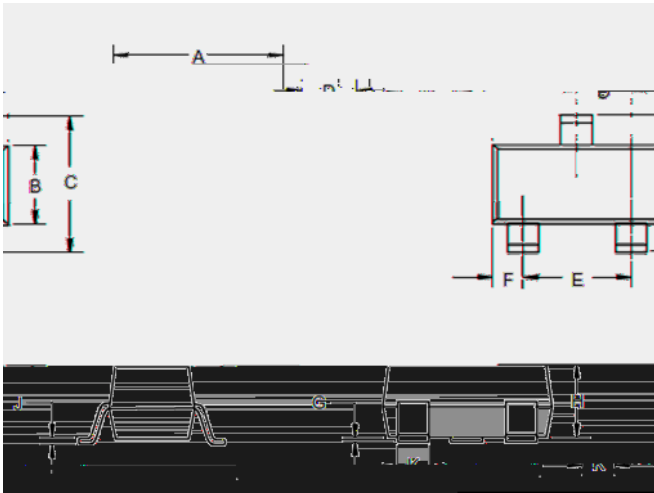
PREFERRED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
MMST4403	F2	Approximate 0.005	3000	30000	120000	7" reel

Characteristics (Typical)



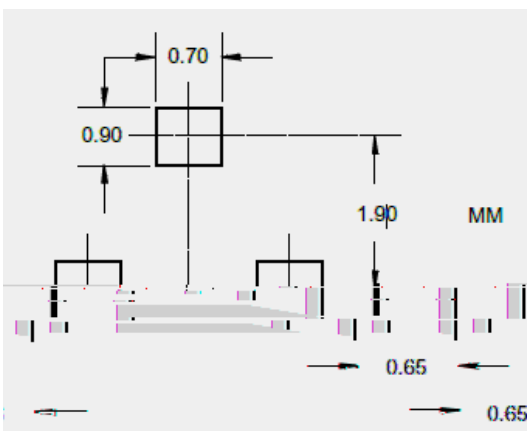


SOT-323 Package Outline Dimensions



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.071	.087	1.80	2.20	
B	.025	.033	0.65	0.85	
C	.025	.033	0.65	0.85	
D	.026 Nominal		0.66 Nominal		
E	.017	.025	0.43	0.64	
F	.017	.025	0.43	0.64	
G	.010	.014	0.25	0.36	
H	.035	.50	0.90	12.70	
J	.004	.010	0.10	0.25	
K	.015	.043	0.38	1.10	

SOT-323 Soldering Footprint





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