



Micro Commercial Components

Micro Commercial Components
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UMX18N

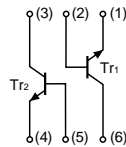
Features

- Halogen free available upon request by adding suffix "-HF"
Two 2SC5585 chips in a package.
Mounting cost and area can be cut in half.
Transistor elements independent, eliminating interference.
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

Mechanical Data

- Case: SOT-363, Molded Plastic
Polarity: See Diagram

MARKING: X18



MAXIMUM RATINGS TA=25°C unless otherwise noted

Table with 4 columns: Symbol, Parameter, Value, Units. Rows include Vcbo, Vceo, Vebo, Ic, Pc, Tj, and Tstg.

SOT-363

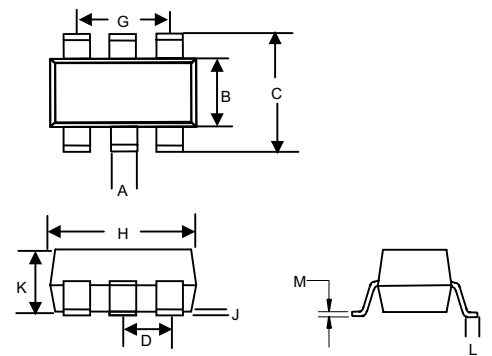


Table titled DIMENSIONS with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows list dimensions A through M.

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ELECTRICAL CHARACTERISTICS (T_{amb}=25°C unless otherwise specified)

Parameter	Symbol	Test conditions	MIN	TYP	MAX	UNIT
Collector-base breakdown voltage	V _{(BR)CBO}	I _C =10μA, I _E =0	15			V
Collector-emitter breakdown voltage	V _{(BR)CEO}	I _C =1mA, I _B =0	12			V
Emitter-base breakdown voltage	V _{(BR)EBO}	I _E =10μA, I _C =0	6			V
Collector cut-off current	I _{CBO}	V _{CB} =15V, I _E =0			0.1	μA
Emitter cut-off current	I _{EBO}	V _{EB} =6V, I _C =0			0.1	μA
DC current gain	h _{FE}	V _{CE} =2V, I _C =10mA	270		680	
Collector-emitter saturation voltage	V _{CE(sat)}	I _C =200mA, I _B =10mA			0.25	V
Transition frequency	f _T	V _{CE} =2V, I _C =10mA, f=100MHz		320		MHz
Collector output capacitance	C _{ob}	V _{CB} =10V, I _E =0, f=1MHz		7.5		pF



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Ordering Information :

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

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

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