

/ Descriptions

TO-92

NPN

Silicon NPN transistor in a TO-92 Plastic Package.

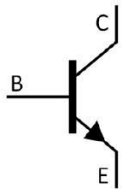
/ Features

High I_C , high h_{FE}

/ Applications

Use in general-purpose Speech Synthesizer(Voice Rom) I_C audio output driver stage amplifier applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	B	C	D
h_{FE} Range	300~550	500~700	650~1000

M28S

Rev.E Mar.-2016

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	40	V
Collector to Emitter Voltage	V_{CEO}	20	V
Emitter to Base Voltage	V_{EBO}	6.0	V
Collector Current - Continuous	I_C	1.0	A
Collector Power Dissipation	P_C	625	mW
Junction Temperature	T_J	150	
Storage Temperature Range	T_{stg}	-55 150	

Parameter Symbol

M28S

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蓝箭电子
BLUE ROCKET ELECTRONICS

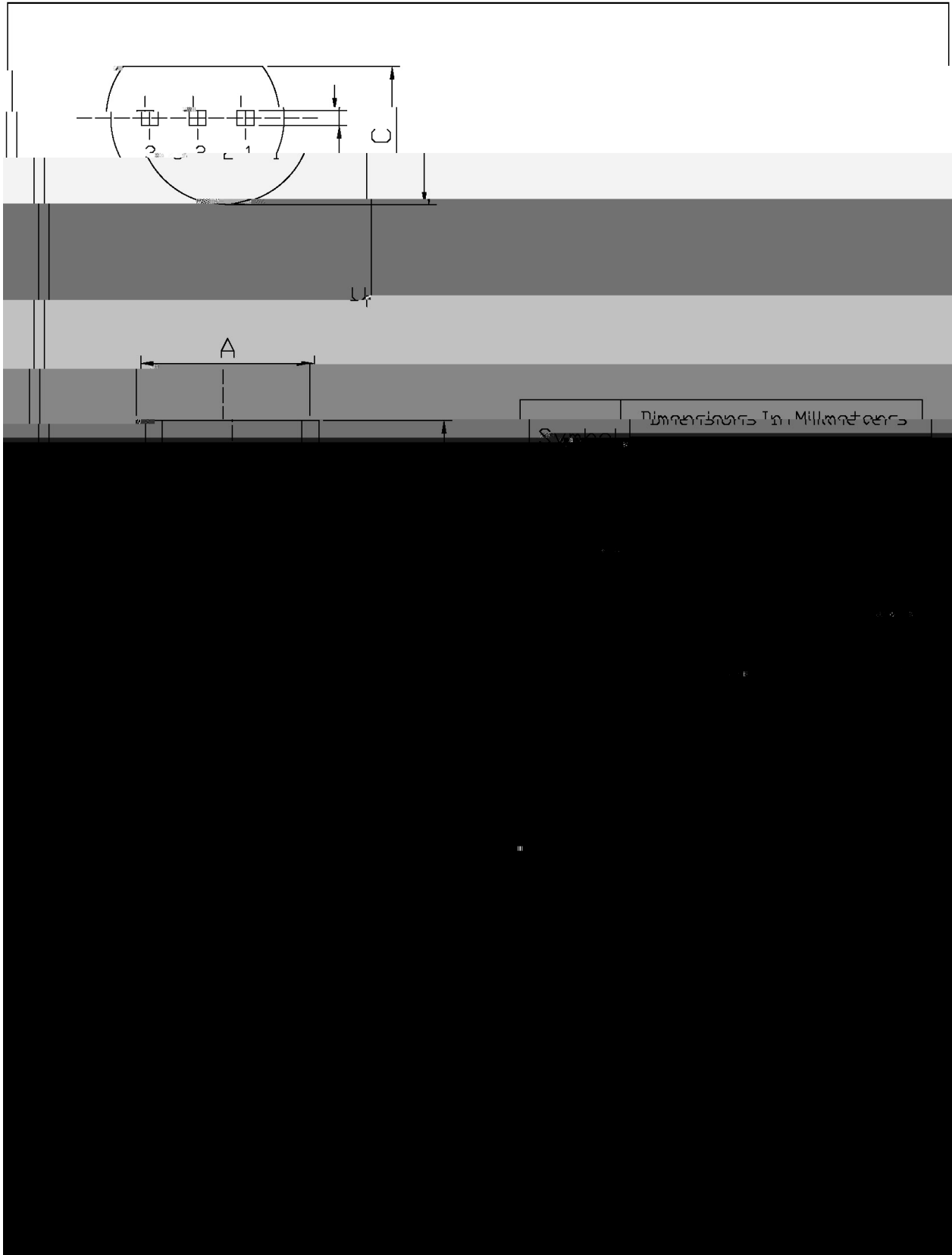
DATA SHEET

/ Electrical Characteristic Curve

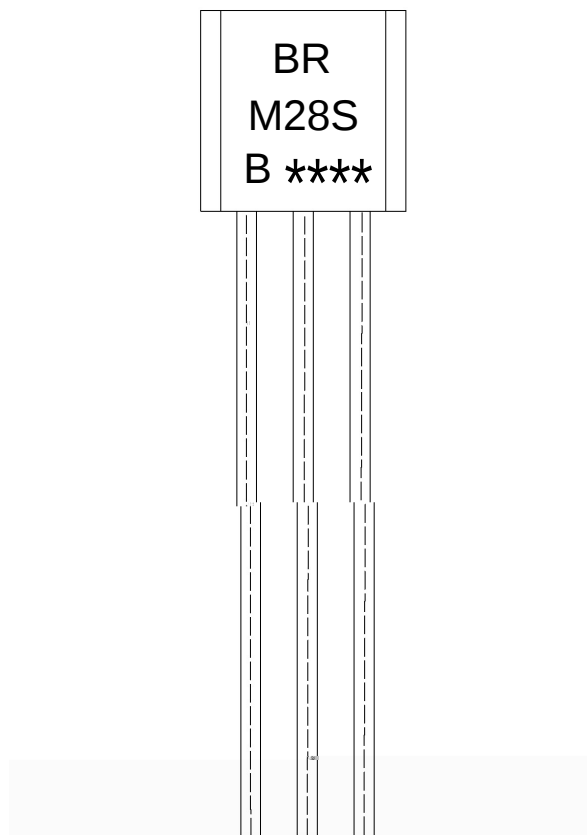
/ Package Dimensions

T0-92

Unit: mm



/ Marking Instructions



BR:

M28S

B: h_{FE}

Note:

BR: Company Code.

M28S: Product Type.

B: h_{FE} Classifications Symbol

****: Lot No. Code, code change with Lot No.

() / Temperature Profile for Dip Soldering(Pb-Free)



Note: