/ Descriptions

TO-251 NPN Silicon NPN transistor in a TO-251 Plastic Package.

/ Features

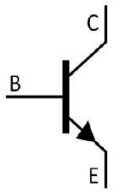
, , , MPSA92I

High voltage, Low saturation voltage, low collector capacitance output, complementary pair with MPSA92I.

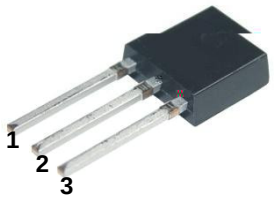
/ Applications

High voltage control circuit.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

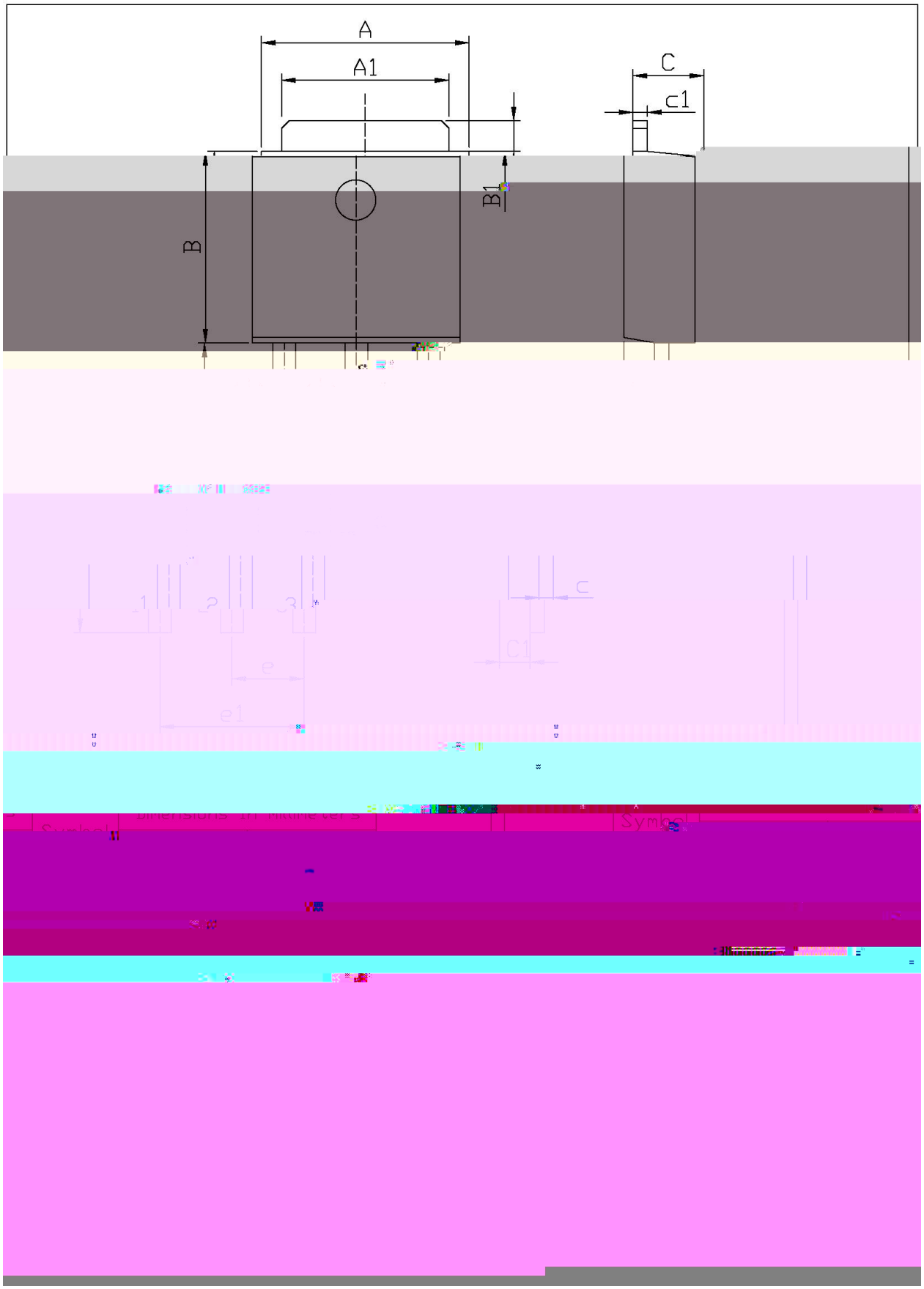
See Marking Instructions.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	300	V
Collector to Emitter Voltage	V_{CEO}	300	V
Emitter to Base Voltage	V_{EBO}	6.0	V
Collector Current - Continuous	I		

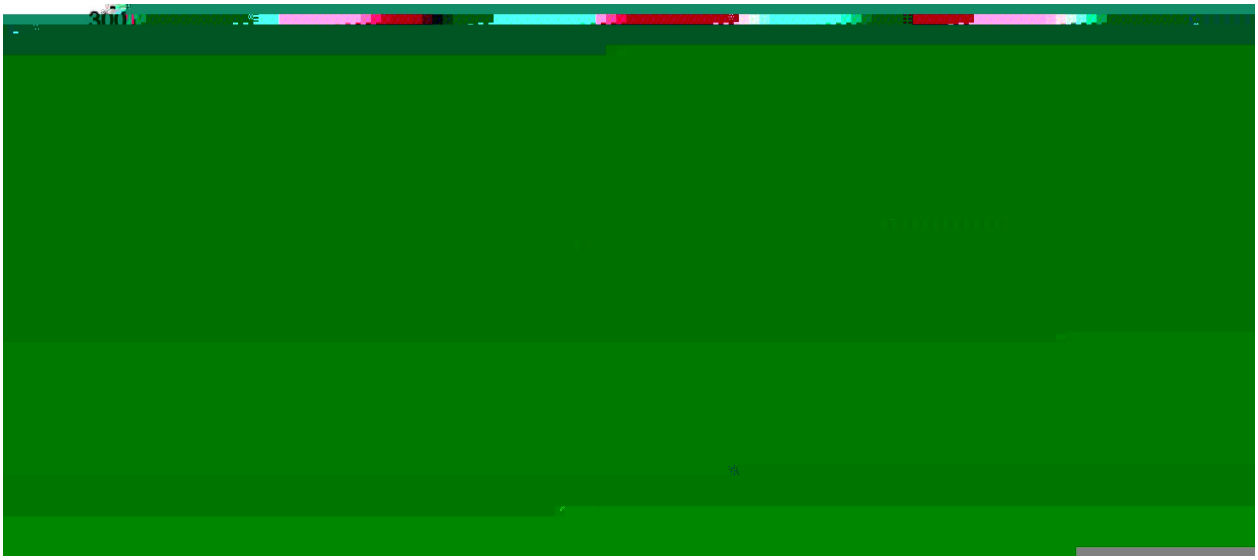
MPSA42I

MPS3(Rev)7Tw9(.)-4(D)-10.9(A)95.8(T)-4(1(A) Tm5(S)-6(H)Tm5(EET)]TJ98060 13.9862.94 7862.9527.6-0.0018Tc0.2042I)Tj/T9 0

/ Package Dimensions



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



								Note:	
1		25	150		60	90sec;		1.Preheating:25~150 , Time:60~90sec.	
2		255±5				5±0.5sec;		2.Peak Temp.:255±5 , Duration:5±0.5sec.	
3				2	10	/sec.		3. Cooling Speed: 2~10 /sec.	

/ Resistance to Soldering Heat Test Conditions

270±5	10±1 sec.	Temp.:270±5	Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type 封装形式	Units 包装数量			Dimension 包装尺寸 (unit: mm^3)
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	