



# SOT8021

Plastic, single-ended package (heatsink mounted, 1 mounting hole) (TO-220-2); 2 leads; 5.08 mm pitch; 15.3 mm x 10 mm x 4.4 mm body

3 November 2021

Package information

## 1. Package summary

<b>Terminal position code</b>	S (single)
<b>Package type descriptive code</b>	TO-220-2
<b>Package type industry code</b>	TO-220-2
<b>Package style descriptive code</b>	SFM (single-ended flange mount)
<b>Package body material type</b>	P (plastic)
<b>JEDEC package outline code</b>	TO-220-2
<b>Mounting method type</b>	T (through-hole mount)
<b>Number of package outline detail graphic references</b>	0
<b>Issue date</b>	10-2-2021
<b>Manufacturer package code</b>	SOT8021

Table 1. Package summary

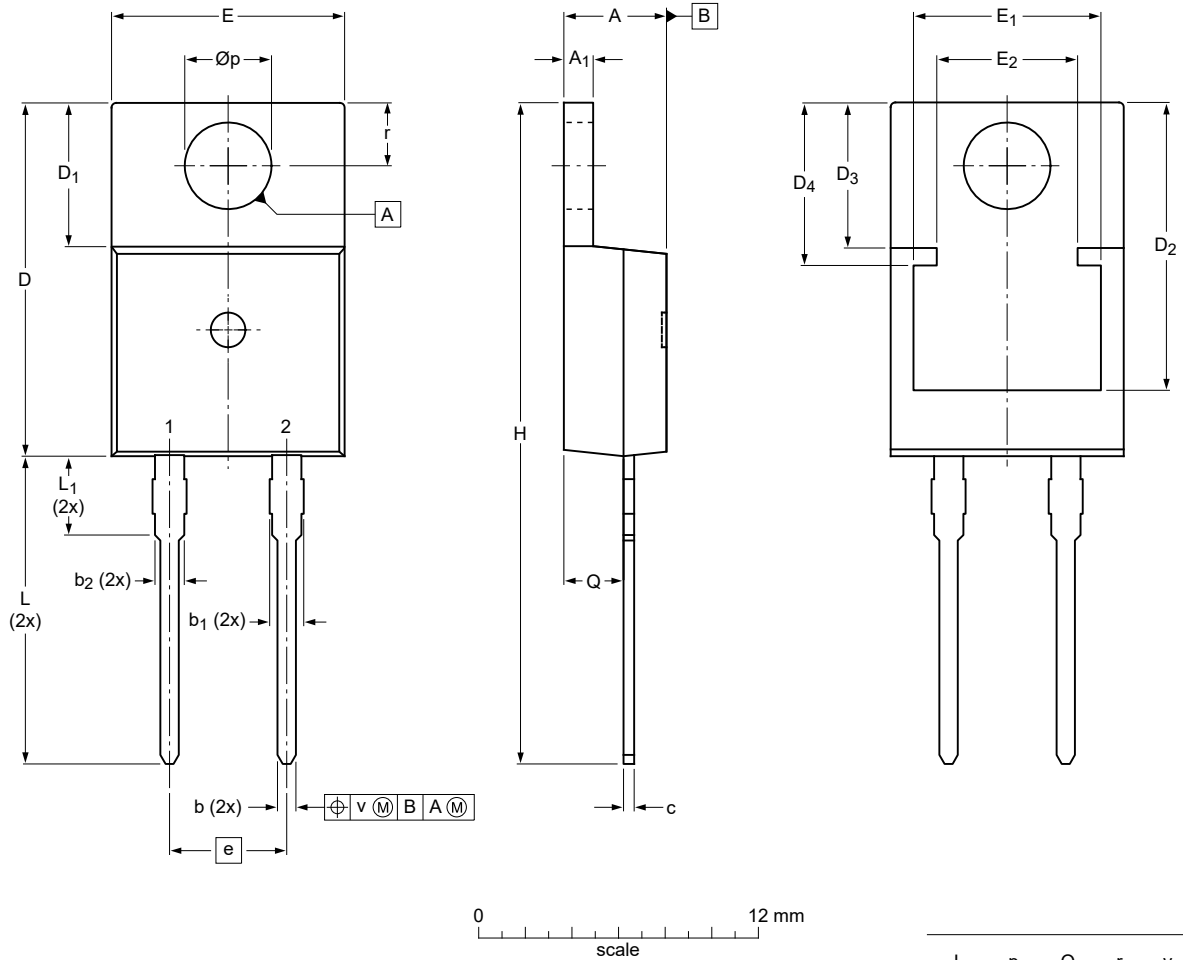
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	14.98	-	15.3	15.62	mm
E	package width	9.67	-	10	10.42	mm
A	seated height	4.19	-	4.4	4.7	mm
e	nominal pitch	-	-	5.08	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	2	-	

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## 2. Package outline

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L <sub>1</sub>	p	Q	r	v
3.81	3.89	2.80	3.05	0.35
3.30	3.63	2.38	2.54	

Dimensions (mm are the original dimensions)

Unit	A	A <sub>1</sub>	b	b <sub>1</sub>	b <sub>2</sub>	c	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	D <sub>4</sub>	E	E <sub>1</sub>	E <sub>2</sub>	e	H	L	
mm	max	4.70	1.37	0.92	1.55	1.40	0.64	15.62	6.48	12.45	6.22	7.04	10.42	8.12	6.10	5.08	29.14	13.97
	nom									(REF.)	(REF.)	(REF.)	(REF.)	(REF.)	(REF.)			
	min	4.19	1.22	0.63	1.14	1.14	0.35	14.98	5.96			9.67				28.06	12.71	

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Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT8021		TO-220-2			-21-02-10 21-11-03

Fig. 1. Package outline TO-220-2 (SOT8021)

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