

# plastic single-ended package; 5-lead low-profile TO-220

8 February 2016

**Package information** 

# 1. Package summary

Terminal position codeS (single)Package type descriptive codeTO-220Package type industry codeTO-220

Package style descriptive code SIP (single in-line package)

Package style suffix code NA (not applicable)

Package body material type P (plastic)

**Mounting method type** T (through-hole mount)

**Issue date** 11-6-1997

### **Table 1. Package summary**

Symbol	Parameter	Min	Тур	Nom	Max	Unit
D	package length	10	-	10.5	11	mm
E	package width	9.7	-	10	10.3	mm
Α	seated height	4.1	-	4.5	4.5	mm
n <sub>2</sub>	actual quantity of termination	-	-	5	-	



NXP Semiconductors SOT281

plastic single-ended package; 5-lead low-profile TO-220

# 2. Package outline

# Plastic single-ended package; 5-lead low-profile TO-220 **SOT281** mounting D base Q **b b w M** 10 mm **DIMENSIONS** (mm are the original dimensions)

UNIT	A	A <sub>1</sub>	b	С	D	D <sub>1</sub>	E	е	L	L <sub>1</sub> <sup>(1)</sup>	L <sub>2</sub> <sup>(2)</sup>	L3 <sup>(3)</sup> max.	m	Q	w
mm	4.5 4.1	1.39 1.27	0.9 0.7	0.7 0.4	11.0 10.0	1.5 1.1	10.3 9.7	1.7	15.0 13.5	2.4 1.6	0.5	3.5	0.8 0.6	2.6 2.2	0.4

### Notes

- 1. Terminal dimensions are uncontrolled in this zone.
- 2. Positional accuracy of the terminals is controlled in this zone.
- 3. Terminals in this zone are not tinned.

OUTLINE		REFER	EUROPEAN	ISSUE DATE			
VERSION	IEC	JEDEC	EIAJ		PROJECTION	ISSUE DATE	
SOT281		low-profile 5-lead TO-220				97-06-11	

Fig. 1. Package outline TO-220 (SOT281)

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## 3. Legal information

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