

NSS60601MZ4

Low $V_{CE(sat)}$ Transistor, NPN, 60A

Features

-
-
-

MAXIMUM RATINGS

◦

NSS60601MZ4

THERMAL CHARACTERISTICS

Characteristic	Symbol	Max	Unit
°			°
- -	θ		°
°			°
- -	θ		°

NSS60601MZ4

ELECTRICAL CHARACTERISTICS

Characteristic	Symbol	Min	Typ	Max	Unit
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OFF CHARACTERISTICS

-			-	-	
-			-	-	
-			-	-	
		-	-		μ
		-	-		μ

ON CHARACTERISTICS

			-	-	-
			-	-	
-		-	-		
-	-	-	-		
-		-	-		
		-	-		
		-	-		
		-	-		

SWITCHING CHARACTERISTICS

		-		-	
		-		-	
		-		-	
		-		-	

≤

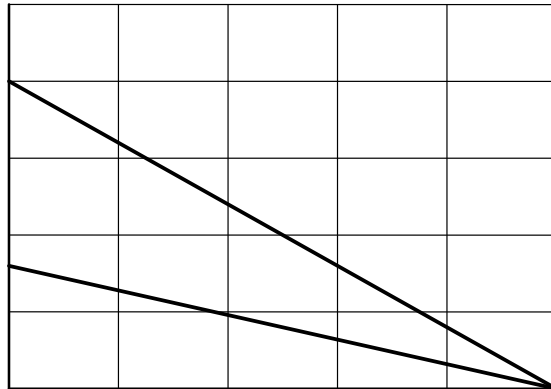
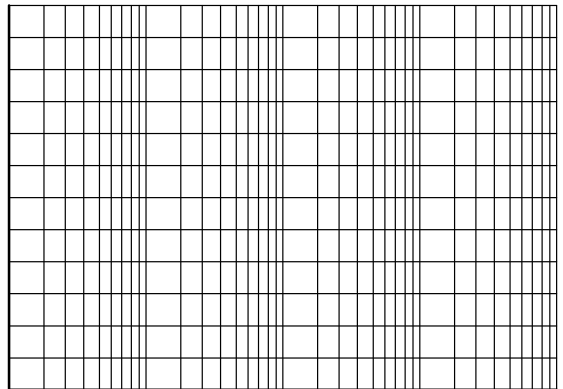
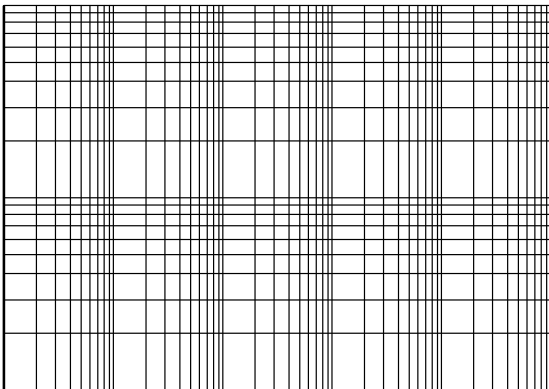


Figure 1. Power Derating

NSS60601MZ4

TYPICAL CHARACTERISTICS



NSS60601MZ4

TYPICAL CHARACTERISTICS

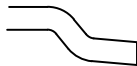
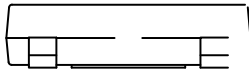
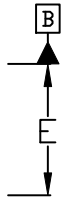




SCALE 1:1

SOT-223 (TO-261)
CASE 318E 04
ISSUE R

DATE 02 OCT 2018



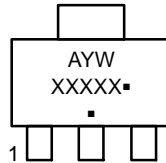
MILLIMETERS			
DIM	MIN.	NOM.	MAX.
A	1.50	1.63	1.75
A1	0.02	0.06	0.10
b			
D	6.30	6.50	6.70
E	3.30	3.50	3.70
e	2.30 BSC		

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- | | | | | |
|---|--|--|--|--|
| LE 1:
IN 1. BA E
2. C LLEC
3. EMI E
4. C LLEC | LE 2:
IN 1. AN DE
2. CA H DE
3. NC
4. CA H DE | LE 3:
IN 1. GA E
2. DAIN
3. CE
4. DAIN | LE 4:
IN 1. CE
2. DAIN
3. GA E
4. DAIN | LE 5:
IN 1. DAIN
2. GA E
3. CE
4. GA E |
| LE 6:
IN 1. E
2. IN
3.
4. IN | LE 7:
IN 1. AN DE 1
2. CA H DE
3. AN DE 2
4. CA H DE | LE 8:
CANCELLED | LE 9:
IN 1. IN
2. GAND
3. L G
4. GAND | LE 10:
IN 1. CA H DE
2. AN DE
3. GA E
4. AN DE |
| LE 11:
IN 1. M 1
2. M 2
3. GA E
4. M 2 | LE 12:
IN 1. IN
2.
3. NG
4. | LE 13:
IN 1. GA E
2. C LLEC
3. EMI E
4. C LLEC | | |

**GENERIC
MARKING DIAGRAM***



- A = Assembly Location
- Y = Year
- W = Work Week
- XXXXX = Specific Device Code
- = Pb Free Package

(Note: Microdot may be in either location)

*This information is generic. Please refer to device data sheet for actual part marking. Pb Free indicator, "G" or microdot "▪", may or may not be present. Some products may not follow the Generic Marking.

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