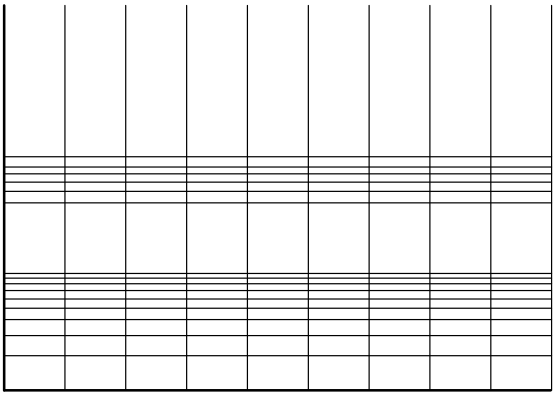
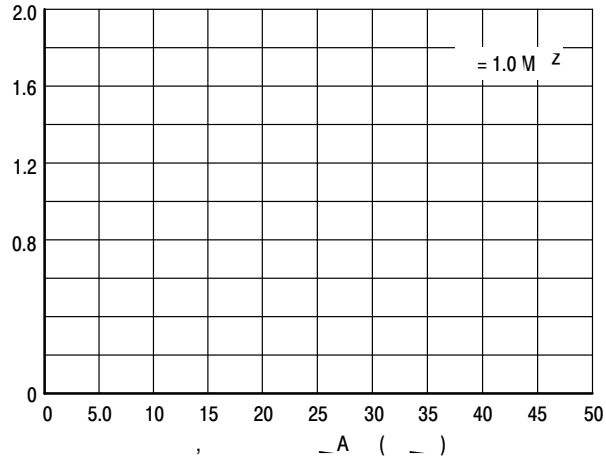
SOD-123 Sc
Ba D d

MMSD301T1G, SMMSD301T1G, MMSD701T1G, SMMSD701T1G,

The MMSD301T1, and MMSD701T1 devices are spin−offs of our popular MMBD301LT1, and MMBD701LT1 SOT−23 devices. They are designed for high−efficiency UHF and VHF detector applications. Readily available to many other fast switching RF and digital applications.

Extremely Low Minority Carrier Lifetime

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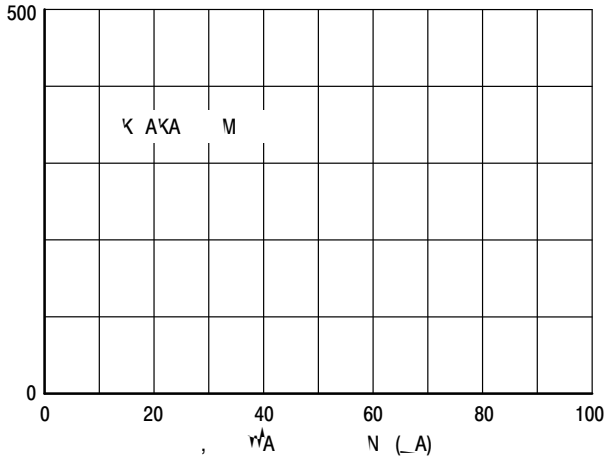
1.6
1.2
0.8
0
0 5.0 10 15 20 25 30 35 40 45 50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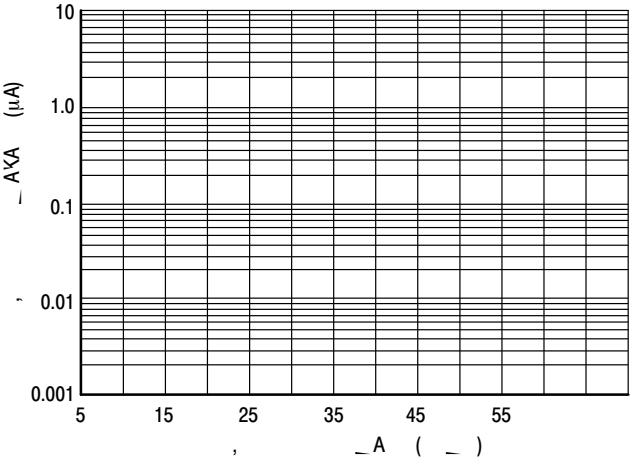
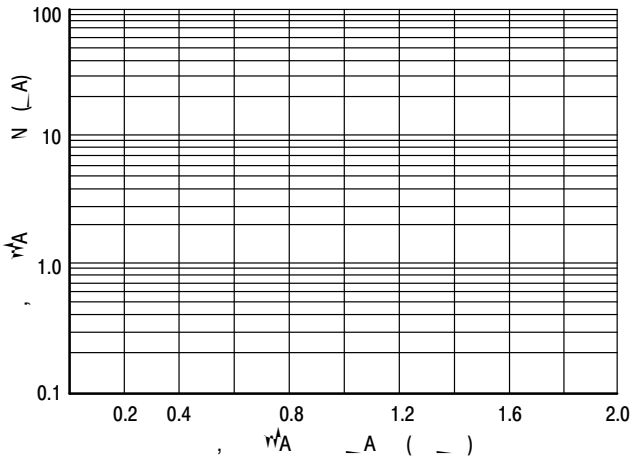
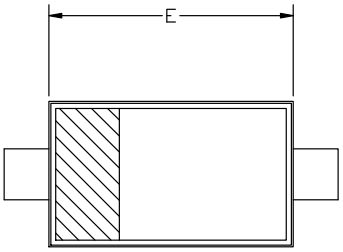
0
0 20 40 60 80 100

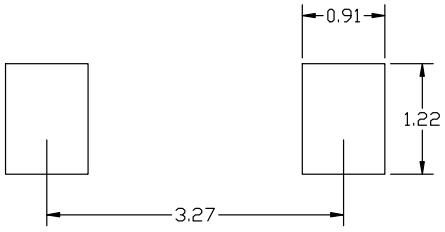

10
1.0
0.1
0.01
0.001
5 15 25 35 45 55


100
10
1.0
0.1
0.2 0.4 0.8 1.2 1.6 2.0

SOD−123 2−LEAD, 1.60x2.69x1.16
CASE 425
ISSUE H

DATE 29 FEB 2024





GENERIC
MARKING DIAGRAM*

XXX = Specific Device Code
M = Date 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.

STYLE 1:
PIN 1. CATHODE
2. ANODE