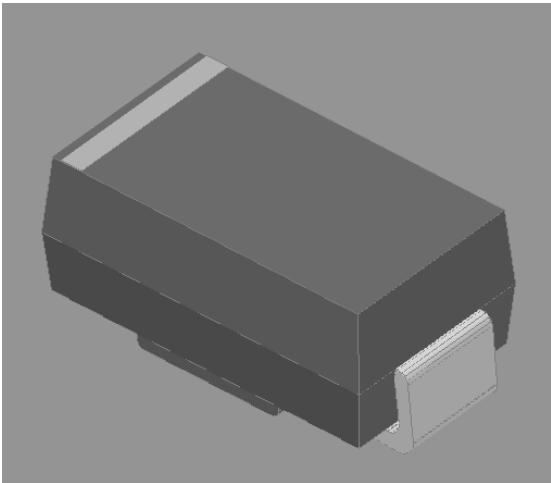




Typical Applications

For use in high frequency rectification of power supplies, inverters, converters, and freewheeling diodes for consumer, and telecommunication.

Mechanical Data

- **Package:** DO-214AC (SMA)
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Polarity:** Cathode line denotes the cathode end

As specified

UNIT	NUG2DA I
------	----------

A	2.0
A	50
A ² S	10.38
	-55 ~ +150

η -55 ~ +150

I _{FM} =2.0A	1.0
0.5A, I _R =1.0A, I _{rr} =0.25A	20
T _a =25	5
T _a =125	50



NUG2DA

■Thermal Characteristics $T_a=25$ Unless otherwise specified

PARAMETER	SYMBOL	UNIT	NUG2DA
-----------	--------	------	--------

$R_{\theta J-A}$

Typical Thermal Resistance

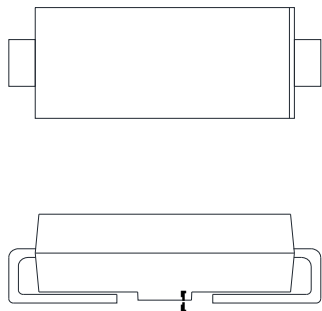


■ Ordering Information (Example)

PREFERED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
NUG2DA	F1	Approximate 0.059	5000	10000	80000	13" reel
NUG2DA	F2	Approximate 0.059	7500	15000	120000	13" reel
NUG2DA	F3	Approximate 0.059	7500	15000	60000	13" reel
NUG2DA	F4	Approximate 0.059	1800	7200	57600	7" reel
NUG2DA	F5	Approximate 0.059	2000	8000	64000	7" reel
NUG2DA	F6	Approximate 0.059	5000	10000	100000	13" reel

■ Outline Dimensions

DO-214AC(SMA)



Dimensions in millimeters

DO-214AC(SMA)

Dim	Min	Max
A	1.25	1.58
B	2.40	2.83
C	4.25	4.75
D	1.90	2.30
E	4.93	5.28
F	0.76	1.41
G	0.08	0.20
H	0.15	0.31



Disclaimer

The information presented in this document is for reference onl