

12. Package outline

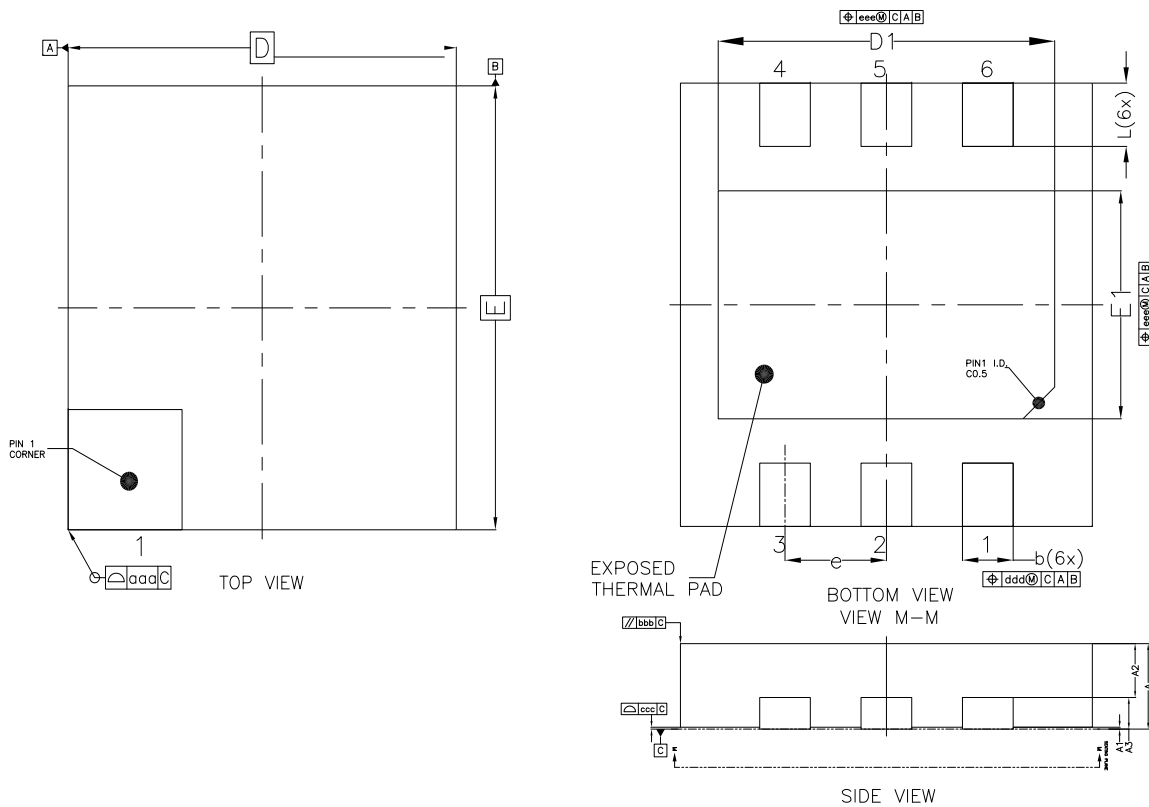


Fig 6. Package outline ² DFN 7x6.5mm

Table 13. Package dimensions

DESCRIPTION	DIM	MILLIMETER			
		MIN	NOM	MAX	
TOTAL THICKNESS	A	1.30	1.35	1.40	
STAND OFF	A1	0.00	----	0.05	
MOLD THICKNESS	A2	0.80	0.85	0.90	
L/F THICKNESS	A3	0.50 REF			
BODY SIZE	X	D	6.43	6.50	6.57
	Y	E	6.93	7.00	7.07
LEAD PITCH	e	1.60 BSC			
LEAD WIDTH	b	0.75	0.80	0.85	
LEAD LENGTH	L	0.95	1.00	1.05	
EP SIZE	D1	5.26	5.31	5.36	
	E1	3.55	3.60	3.65	
Tolerance of form and position					
PACKAGE EDGE TOLERANCE	aaa	0.1			
MOLD FLATNESS	bbb	0.1			
LEAD COPLANARITY	ccc	0.08			
LEAD POSITION OFFSET	ddd	0.1			
EXPOSED PAD OFFSET	eee	0.1			

13. Abbreviations

Table 14. Abbreviations

Acronym	Description
CW	Continuous Waveform
ESD	Electro-Static Discharge
GaN	Gallium Nitride
HEMT	High Electron Mobility Transistor
MTTF	Median Time To Failure
VSWR	Voltage Standing Wave Ratio

14. Legal information

14.1 Datasheet status

Document status	Product status	Definition
Objective [short] datasheet	Engineering sample	This document contains data from the objective specification for product development.
Preliminary [short] datasheet	Engineering sample	This document contains data from the preliminary specification.
Production [short] datasheet	Mass product	This document contains the product specification.

14.2 Definitions

Draft — The document is a draft version only. The content is still under internal review and subject to formal approval, which may result in modifications or additions. Dynax does not give any representations or warranties as to the accuracy or completeness of information included herein and shall have no liability for the consequences of use of such information.

Short datasheet — A short datasheet is an extract from a full datasheet with the same product type number(s) and title. A short datasheet is intended for quick reference only and should not be relied upon to contain detailed and full information. For detailed and full information see the relevant full datasheet, which is available on request via the local Dynax sales office. In case of any inconsistency or conflict with the short datasheet, the full datasheet shall prevail.

Product specification — The information and data provided in a Product datasheet shall define the specification of the product as agreed between Dynax and its customer, unless Dynax and customer have explicitly agreed otherwise in writing. In no event however, shall an agreement be valid in which the Dynax product is deemed to offer functions and qualities beyond those described in the Product datasheet.

14.3 Disclaimers

Information in this document is believed to be accurate and reliable. However Dynax does not give any representations or warranties, expressed or implied, as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information. Dynax takes no responsibility for the content in this document if provided by an information source outside of Dynax.

All information contained herein is subject to change without notice. Customers should obtain and verify the latest relevant information before placing orders for Dynax products.

The information contained herein or any use of such information does not grant, explicitly or implicitly, to any party any patent rights, licenses, or any other intellectual property rights, whether with regard to such information itself or anything described by such information.

Applications that are described herein for any of these products are for illustrative purposes only. Dynax makes no representation or warranty that such applications will be suitable for the specified use without further testing or modification. Customers are responsible for the design and operation of their applications and products using Dynax products, and Dynax accepts no liability for any assistance with applications or customer product design. It is customer's sole responsibility to determine whether the Dynax product is suitable and fit for the customer's applications and products planned, as well as for the planned application and use of customer's third party customer(s). Customers should provide appropriate design and operating safeguards to minimize the risks associated with their applications and products.

Dynax products are not designed, authorized or warranted to be suitable for use in life support, life-critical or safety-critical systems or equipment, nor in applications where failure or malfunction of a Dynax product can reasonably be expected to result in personal injury, death or severe property or environmental damage.

Unless this datasheet expressly states that this specific Dynax product is automotive qualified, the product is not suitable for automotive use. It is neither qualified nor tested in accordance with automotive testing or application requirements.

This document as well as the item(s) described herein may be subject to export control regulations. Export might require a prior authorization from competent authorities.

15. Contact information

For more information, please visit: <http://www.dynax-semi.com>