

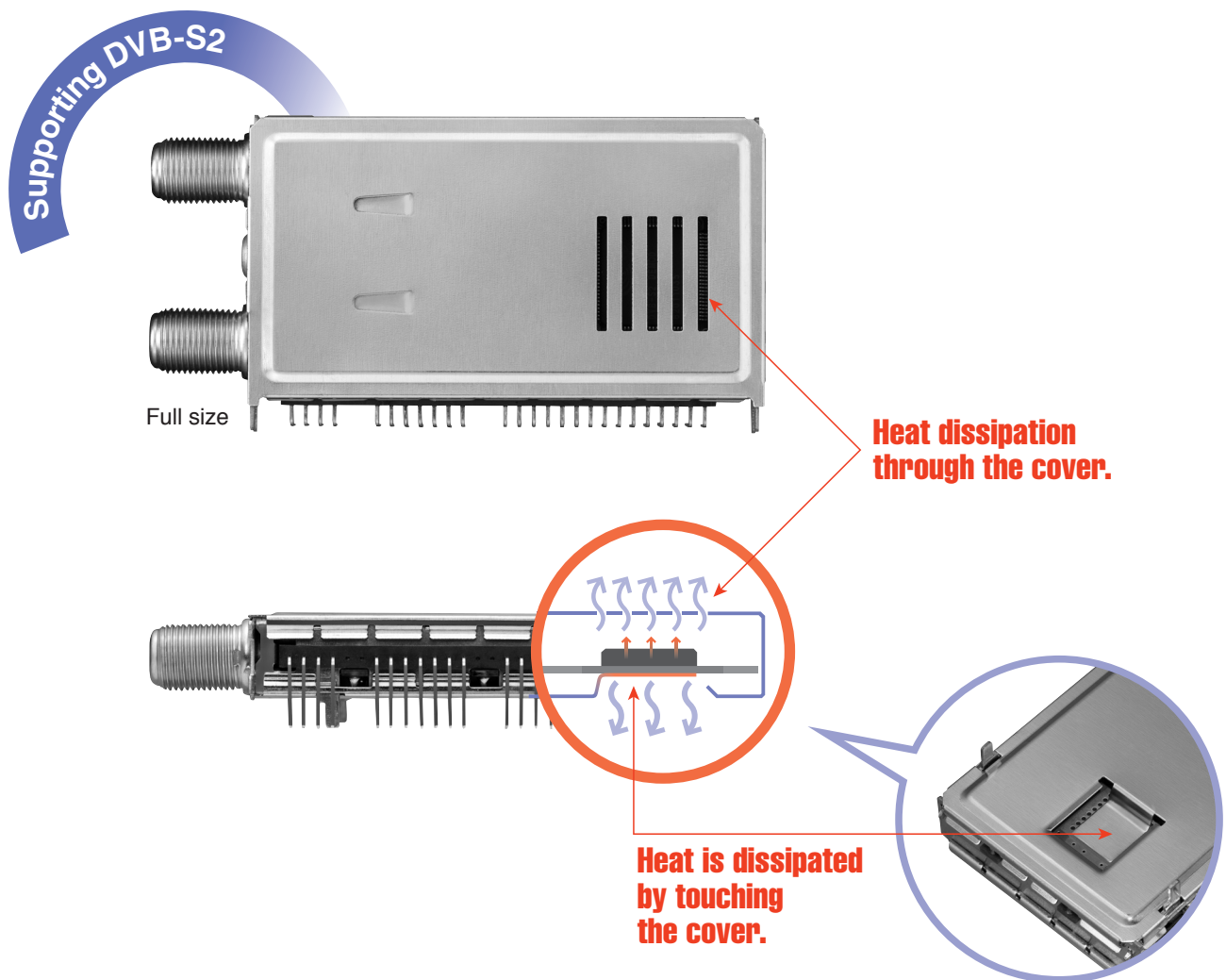
DVB-S2 Digital BS Tuner Unit with Internal Demodulator

BSBE2 Series

ALPS®

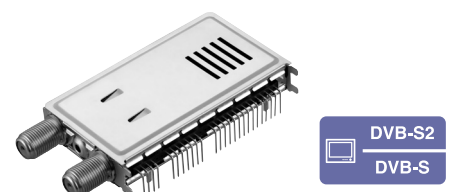
New
2007

Achieving high reliability through efficient heat dissipation structure.



Internal demodulator models contributing to improved set design flexibility through a variety of mounting types.

- DVB-S2 and DVB-S standards both supported, in sizes similar to that of our “BSBE1” series.
- Achieving effective heat dissipation through the structure of the tuner’s exterior cladding.
- Excellent noise muffling capability due to shield structure.
- Variety of mounting types contribute to set makers’ design flexibility.



Alps offers set design efficiency through a variety of models and mounting types supporting new standards.

DVB-S2 Digital BS Tuner Unit with Internal Demodulator

BSBE2 Series



Variety of mounting types contribute to set makers' design flexibility.

Applications

TV sets and set-top boxes for DVB-S2 standard satellite digital broadcasting

Products Line

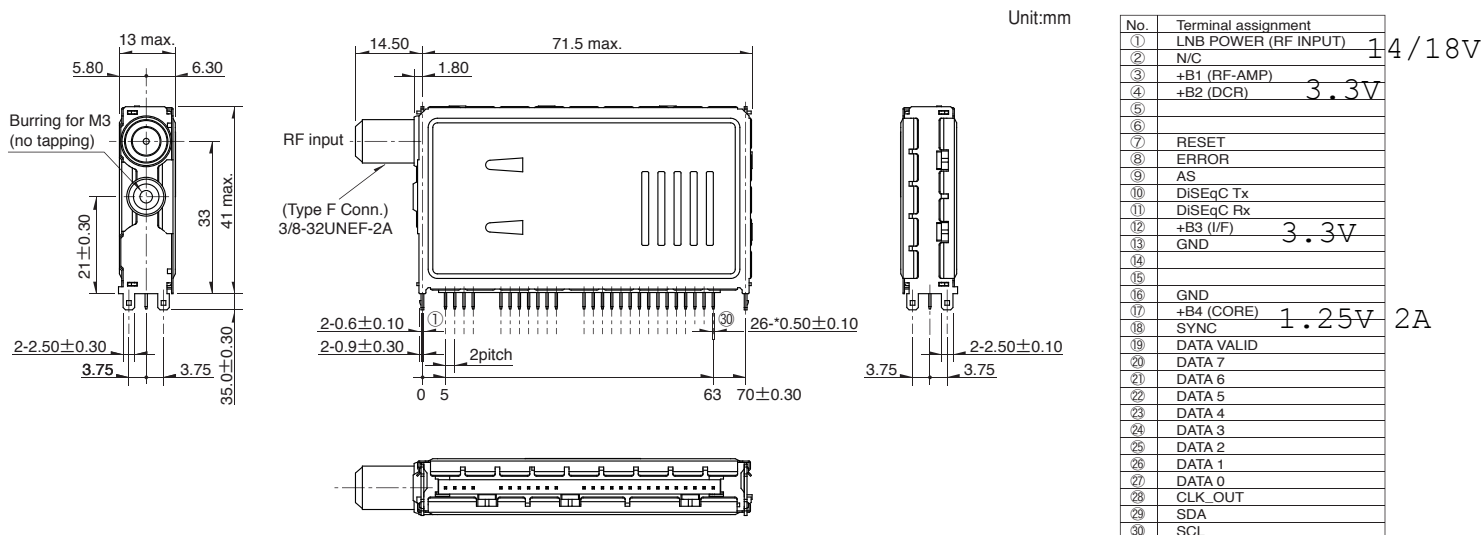
Product name	F-Connector type	Mounting type
BSBE2 - 101A	1 input	Vertical
BSBE2 - 201A		Horizontal/Left-hand
BSBE2 - 251A		Horizontal/Right-hand
BSBE2 - 301A	1 input and 1 loop through output	Vertical
BSBE2 - 401A		Horizontal/Left-hand
BSBE2 - 451A		Horizontal/Right-hand

Typical Specifications

Items	Specifications
Input frequency range	950 to 2150MHz
Input level range	-65 to -25dBm
Input VSWR	2.0typ.
Tuning control	I ² C bus
Demodulation format	DVB-S2, DVB-S

Items	Specifications
Demodulator IC	Conexant Systems CX24116
Symbol rate	4 to 30Msps
Supply voltage	+3.3V, +1.25V

Dimensions (1 input, vertical type)



Cautions for Use

- Specification indicated in this catalog is outline only. When employing the product, use of an officially authorized specification for supply contract is recommended.
- Unless specifically indicated otherwise, products in this catalog have been designed and manufactured for use in ordinary electronic equipment and devices, such as AV equipment, electric home appliances, office machines, and communications equipment. Equipment manufacturers are consequently advised that when these products are planned for equipment that requires a high degree of safety and reliability, especially those apparatuses like medical equipment, aviation and aircraft equipment, space equipment, and burglar alarm equipment, the manufacturers should assure equipment safety by providing protection circuits and redundant circuitry and should fully study the suitability of such products for the intended equipment.
- The external appearance, performances, and other properties of the product may be changed for improvement without prior notice. The product introduced in this catalog may discontinue being produced without prior notice.
- All product names, company names and names of standards described in this catalog are trademarks or registered trademarks of their respective owners.
- Please contact us for any enquiries and queries on our products and their uses.
- This catalog is valid till the end of December 2007.

Inquiries about Products

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