

## End cover - D-MSB 1,5-F - 3024180


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End cover, length: 32 mm, width: 9.9 mm, height: 22 mm, color: gray



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 106782
GTIN	4017918106782
Weight per Piece (excluding packing)	2.000 g
Custom tariff number	85389099
Country of origin	China

### Technical data

#### General

Color	gray
Material	PA
Flammability rating according to UL 94	V0

#### Dimensions

Width	9.9 mm
Length	32 mm
Height	22 mm

#### General

Relative insulation material temperature index (Elec., UL 746 B)	130 °C
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### Technical data

#### General

Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

#### Standards and Regulations

Flammability rating according to UL 94	V0
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

#### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

### Classifications

#### eCl@ss

eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141133
eCl@ss 8.0	27141133
eCl@ss 9.0	27141133

#### ETIM

ETIM 2.0	EC000886
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### Classifications

#### ETIM

ETIM 3.0	EC000886
ETIM 4.0	EC000886
ETIM 5.0	EC000886
ETIM 6.0	EC000886
ETIM 7.0	EC000886

#### UNSPSC

UNSPSC 6.01	30211827
UNSPSC 7.0901	39121424
UNSPSC 11	39121424
UNSPSC 12.01	39121424
UNSPSC 13.2	39121425