

## har-bus HM Mel., Typ AB 19, AFS 2, Tube

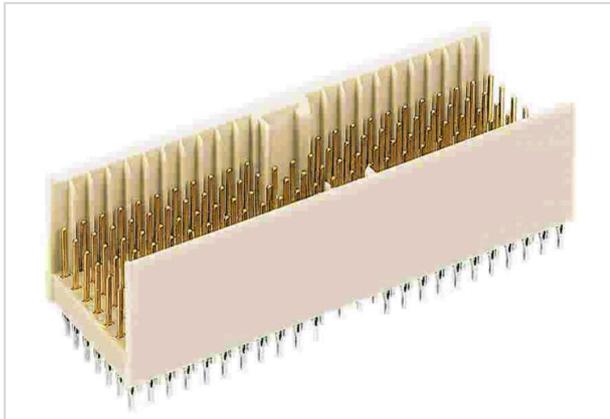


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Part number	17 13 127 2201
Specification	har-bus HM Mel., Typ AB 19, AFS 2, Tube
HARTING eCatalogue	<a href="https://harting.com/17131272201">https://harting.com/17131272201</a>

### Identification

Category	Connectors
Series	har-bus <sup>®</sup> HM
Identification	Type AB19
Element	Male connector
Description of the contact	Straight

### Version

Termination method	Press-in termination
Connection type	Motherboard to daughtercard
Number of contacts	127
Contact configuration	C / A / A / A / A / A / C
Pack contents	Tube

### Technical characteristics

Contact rows	7
Contact spacing (termination side)	2 mm
Contact spacing (mating side)	2 mm
Rated current	1 A
Data rate	≤2,500 Mbit/s
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 ... +125 °C
Insertion force	≤95.25 N



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## Technical characteristics

Withdrawal force	≥19.05 N
Performance level	2
Test voltage $U_{r.m.s.}$	0.75 kV
Isolation group	IIIa ( $175 \leq CTI < 400$ )
PCB thickness	≥1.4 mm

## Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled
Colour (insert)	Beige
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side Ni Termination side
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel

## Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
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## Commercial data

Packaging size	13
Net weight	11 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140121614
eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637



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## Commercial data

UNSPSC 24.0

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