

har-bus HM Mel., Typ B19, AFS 1, Tube

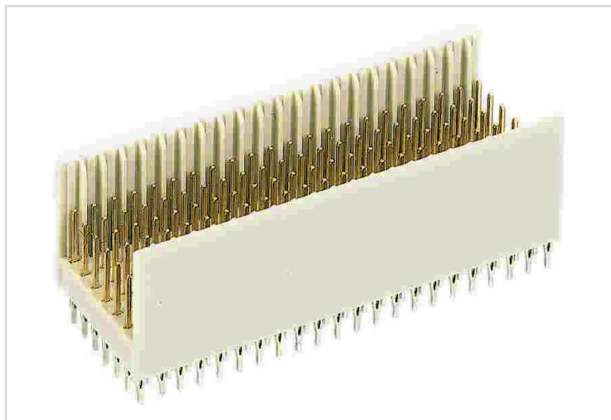


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Part number	17 05 133 1602
Specification	har-bus HM Mel., Typ B19, AFS 1, Tube
HARTING eCatalogue	https://harting.com/17051331602

Identification

Category	Connectors
Series	har-bus [®] 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	133
Contact configuration	T / R / R / R / R / R / T
Field of application	CompactPCI Position P3 VME Position J0
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 ⁹ Ω
Contact resistance	≤20 mΩ



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Technical characteristics

Limiting temperature	-55 ... +125 °C
Insertion force	≤99.75 N
Withdrawal force	≥19.95 N
Performance level	1
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	13.622 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140121089
eCl@ss	27460201 PCB connector (board connector)



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Commercial data

ETIM	EC002637
UNSPSC 24.0	39121415