Pushing Performance
Since 1945

har-bus HM Mel. Typ A, AFS 2, Tube

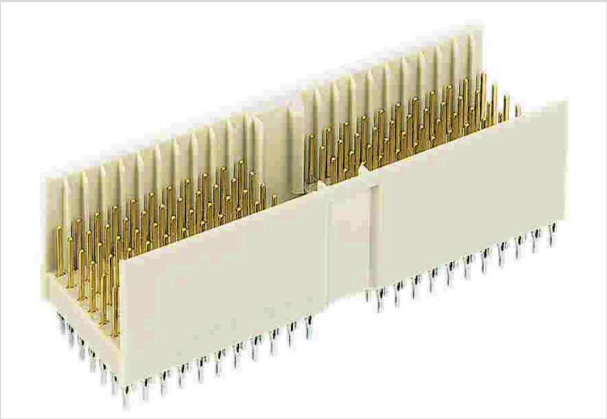


Image is for illustration purposes only. Please refer to product description.

Part number	17 01 154 2201
Specification	har-bus HM Mel. Typ A, AFS 2, Tube
HARTING eCatalogue	https://harting.com/17011542201

Identification

Category	Connectors
Series	har-bus® HM
Identification	Type A
Element	Male connector
Description of the contact	Straight

Version

Termination method	Press-in termination
Connection type	Motherboard to daughtercard
Number of contacts	154
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	$>10^9$ Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 ... +125 °C
Insertion force	≤115.5 N

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Technical characteristics

Withdrawal force	≥23.1 N
Performance level	2
Test voltage $U_{r.m.s.}$	0.75 kV
Isolation group	IIIa (175 ≤ 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

Commercial data

Packaging size	10
Net weight	14.117 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140120143
eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637

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UNSPSC 24.0	39121415

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