Pushing Performance
Since 1945

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

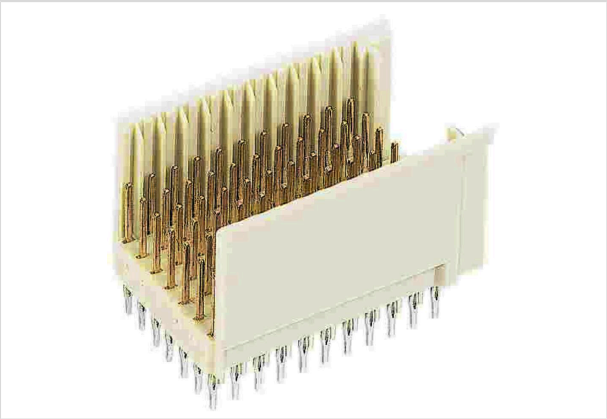

Image is for illustration purposes only. Please refer to product description.

Part number	17 03 055 2210
Specification	har-bus HM Mel., Typ C, AFS 2, Tube
HARTING eCatalogue	https://harting.com/17030552210

Identification

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

Version

Termination method	Press-in termination
Connection type	Motherboard to daughtercard
Number of contacts	55
Contact configuration	- / C / C / C / C / 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	≤41.25 N

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Technical characteristics

Withdrawal force	≥8.25 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	Yes
REACH SVHC substances	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
ECHA SCIP number	60b1a572-bb3f-476f-9307-b7d1688bd90c
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	20
Net weight	6 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140120570
eCl@ss	27460201 PCB connector (board connector)

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ETIM	EC002637
UNSPSC 24.0	39121415

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