Pushing Performance
Since 1945

D-Sub HD 44-pole male straight



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

Part number	09 56 300 5604
Specification	D-Sub HD 44-pole male straight
HARTING eCatalogue	https://harting.com/09563005604

Identification

Category	Connectors
Series	D-Sub
Identification	High Density
Element	Connector
Description of the contact	Stamped Straight

Version

Termination method	Solder cup termination
Gender	Male
Size	D-Sub 3
Number of contacts	44
Locking type	Fixing flange with feed through hole Ø3.1 mm

Technical characteristics

Conductor cross-section (mm²)	0.25 mm²
Conductor cross-section (AWG)	AWG 24
Rated current	2 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	> 5 x 10^9 Ω
Contact resistance	<20 mΩ
Limiting temperature	-40 ... +85 °C (Soldering iron temperature during soldering: max. 350 °C for 3-5 s)

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Technical characteristics

Performance level	3
Mating cycles	≥50
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa (175 ≤ CTI < 400)
Hot plugging	No

Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (PBTP) Shell: steel, nickel plated
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side Sn over 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
PFAS	No
California Proposition 65 substances	Not contained
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	DIN 41652

Commercial data

Packaging size	100
Net weight	11.581 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140071728
eCl@ss	27440214 D-Sub coupler

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ETIM	EC001136
UNSPSC 24.0	39121469

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