Pushing Performance
Since 1945

D SUB HD MA 78P SOLDER CUP PL3



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

Part number	09 56 500 5604
Specification	D SUB HD MA 78P SOLDER CUP PL3
HARTING eCatalogue	https://harting.com/09565005604

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 5
Number of contacts	78
Locking type	Fixing flange with feed through hole Ø 3.1 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)

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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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
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	50
Net weight	18.9 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140072268
eCl@ss	27440214 D-Sub coupler
ETIM	EC001136

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UNSPSC 24.0	39121469

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