

D SUB HD FE 15P SOLDER CUP PL3



Part number	09 56 100 4704
Specification	D SUB HD FE 15P SOLDER CUP PL3
HARTING eCatalogue	https://harting.com/09561004704

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

Identification

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

Version

Termination method	Solder cup termination
Gender	Female
Size	D-Sub 1
Number of contacts	15
Locking type	Fixing flange with feed through hole Ø 3.1 mm

Technical characteristics

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



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	е
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)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications DIN 41652	
--------------------------	--

Commercial data

Packaging size	100
Net weight	6.714 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140071155
eCl@ss	27440214 D-Sub coupler
ETIM	EC001136

Page 2 / 3 | Creation date 2025-04-08 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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

Product data sheet 09 56 100 4704 D SUB HD FE 15P SOLDER CUP PL3



Commercial data

UNSPSC 24.0 39121469