HARTING ®

Pushing Performance
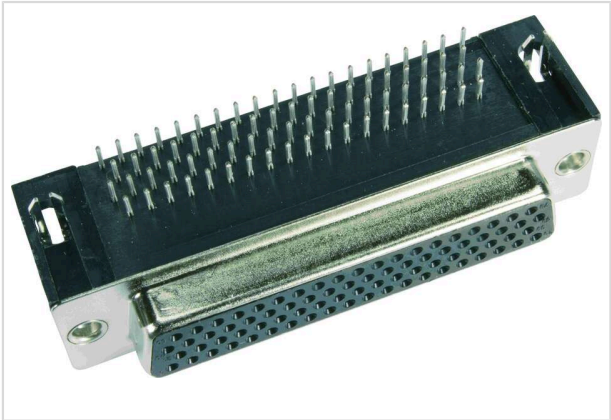Since 1945

D SUB HD FE RA 78P PL3_4-40 NUT AND

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

Part number	09 56 552 7612
Specification	D SUB HD FE RA 78P PL3_4-40 NUT AND
HARTING eCatalogue	https://b2b.harting.com/09565527612

Identification

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

Version

Termination method	Wave soldering termination
Gender	Female
Size	D-Sub 5
Number of contacts	78
PCB fixing	With board locks
Locking type	Fixing flange with thread 4-40 UNC

Technical characteristics

Distance between rows	1.98 mm
Contact spacing (termination side)	2.41 mm
Rated current	2 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	$> 5 \times 10^{9} \ \Omega$
Contact resistance	<25 mΩ

Page 1 / 3 | Creation date 2024-01-04 | 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.
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Technical characteristics

Tightening torque	≤0.6 Nm Female screw lock
Limiting temperature	-40 ... +85 °C
Performance level	3
Mating cycles	≥50
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa (175 ≤ CTI < 400)
PCB thickness	1.6 mm
Installation height	7.6 mm
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 with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	ecef7555-f643-4ceb-a337-fc54762297f1
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	DIN 41652

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Commercial data

Packaging size	50
Net weight	28.24 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140072367
ETIM	EC001136
eCl@ss	27440214 D-Sub coupler

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