

D SUB HD FE RA 44P PL3_4-40 NUT AND



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

Part number	09 56 352 7612
Specification	D SUB HD FE RA 44P PL3_4-40 NUT AND
HARTING eCatalogue	https://b2b.harting.com/09563527612

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 3
Number of contacts	44
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)	2.29 mm
Rated current	2 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	> 5 x 10 ⁹ Ω
Contact resistance	<25 mΩ



Pushing Performance

Technical characteristics

Tightening torque	≤0.6 Nm Female screw lock
Limiting temperature	-40 ... +85 °C
Withdrawal force	≤9.8 N
Performance level	3
Mating cycles	≥50
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa ($175 \leq CTI < 400$)
PCB thickness	1.6 mm
Installation height	6.3 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	Nickel Lead Antimony trioxide

Specifications and approvals

Specifications	DIN 41652
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Pushing Performance

Specifications and approvals

UL / CSA UL 1977 ECBT2.E102079

Commercial data

Packaging size	100
Net weight	16.62 g
Country of origin	China
European customs tariff number	85366990
eCl@ss	27440214 D-Sub coupler

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