

## D SUB HD MA STR 78P S4\_4-40 NUT

		Part number	09 56 561 5712
		Specification	D SUB HD MA STR 78P S4_4-40 NUT
		HARTING eCatalogue	https://b2b.harting.com/09565615712
Identification			
Category	Connectors		
Series	D-Sub		
Identification	High Density		
Element	Connector		
Description of the contact	Stamped Straight		
	Straight		
Version			
Termination method	Wave solderir	ng termination	
Gender	Male		
Size	D-Sub 5		
Number of contacts	78		
PCB fixing	With board loo	cks	
Locking type	Fixing flange	with thread 4-40 UNC	
Technical characteristics			
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 x 10 <sup>9</sup> Ω		
Contact resistance	<20 mΩ		
Tightening torque	≤0.6 Nm Fem	ale screw lock	

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## Technical characteristics

Limiting temperature	-40 +85 °C
Performance level	NM 30 (S4) 1
Mating cycles	≥500
Test voltage U <sub>r.m.s.</sub>	1 kV
Isolation group	Illa (175 ≤ CTI < 400)
PCB thickness	1.6 mm
Installation height	6.1 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
Layer thickness	≥0.76 µm
Layer thickness	≥30 µinch
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
Requirement set with Hazard Levels	R26

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## Specifications and approvals

Specifications	DIN 41652
Commercial data	
Packaging size	50
Net weight	15.36 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140072398
eCl@ss	27440214 D-Sub coupler

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