



Pushing Performance  
Since 1945

# D SUB FE SMT LOW PROFILE ANGLED 9P PL2 W



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

Part number	09 55 156 6618 741
Specification	D SUB FE SMT LOW PROFILE ANGLED 9P PL2 W
HARTING eCatalogue	<a href="https://b2b.harting.com/09551566618741">https://b2b.harting.com/09551566618741</a>

## Identification

Category	Connectors
Series	D-Sub
Identification	Standard
Element	Connector
Specification	Low-profile
Description of the contact	Stamped Angled

## Version

Termination method	Reflow soldering termination (SMT)
Gender	Female
Size	D-Sub 1
Connection type	Motherboard to daughtercard
Number of contacts	9
Locking type	Fixing flange with fitted screw lock M3
Pack contents	160 pieces on reel

## Technical characteristics

Distance between rows	2.84 mm
Contact spacing (termination side)	2.76 mm
Rated current	5 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm



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## Technical characteristics

Insulation resistance	$> 5 \times 10^9 \Omega$
Contact resistance	$\leq 25 \text{ m}\Omega$
Tightening torque	$\leq 0.4 \text{ Nm}$ Locking screw
Limiting temperature	$-55 \dots +125 \text{ }^\circ\text{C}$ (during reflow soldering max. $+240 \text{ }^\circ\text{C}$ for 30 s)
Insertion force	$\leq 30 \text{ N}$
Withdrawal force	$\geq 3.3 \text{ N}$ $\leq 20 \text{ N}$
Performance level	2 acc. to CECC 75301-802
Mating cycles	$\geq 250$
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa ( $175 \leq \text{CTI} < 400$ )
PCB thickness	$\geq 1.6 \text{ mm}$
Installation height	3.6 mm
Hot plugging	No
Moisture Sensitivity Level (MSL)	1 acc. to ECA/IPC/JEDEC J-STD-020D
Process Sensitivity Level (PSL)	R0 acc. to ECA/IPC/JEDEC J-STD-020D

## Material properties

Material (insert)	Liquid crystal polymer (LCP) Shell: steel, nickel plated
Colour (insert)	Black
Material (contacts)	Copper alloy Ground: Zinc die-cast
Surface (contacts)	Noble metal over Ni
Material flammability class acc. to UL 94	V-0

## Specifications and approvals

Specifications	DIN 41652
UL / CSA	UL 1977 ECBT2.E102079

## Commercial data

Packaging size	1
Net weight	2,400 g
Country of origin	China



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Commercial data

European customs tariff number	85366990
ETIM	EC001136
eCl@ss	27440214 D-Sub coupler

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