

## 9p ANG LP M PL1\_4-40 nut\_Reel\_160 pcs

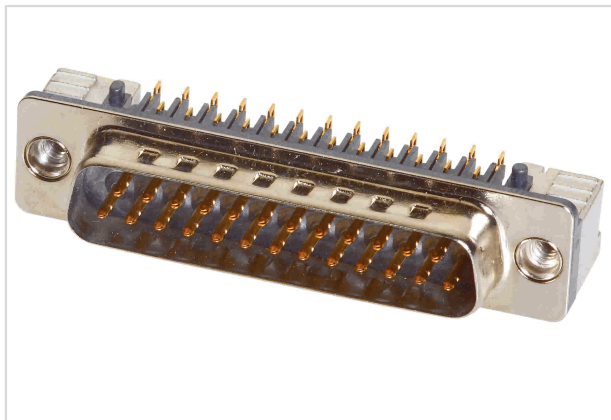


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Part number	09 55 166 3816 741
Specification	9p ANG LP M PL1_4-40 nut_Reel_160 pcs
HARTING eCatalogue	<a href="https://b2b.harting.com/09551663816741">https://b2b.harting.com/09551663816741</a>

### 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	Male
Size	D-Sub 1
Connection type	Motherboard to daughtercard
Number of contacts	9
Locking type	Fixing flange with thread 4-40 UNC
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	$\leq 0.6 \text{ Nm}$ Female screw lock
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	1 acc. to CECC 75301-802
Mating cycles	$\geq 500$
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
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained



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## Specifications and approvals

Specifications	DIN 41652
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079

## Commercial data

Packaging size	1
Net weight	23 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140068988
eCl@ss	27440214 D-Sub coupler