

# 15p ANG LP M PL1\_4-40 nut\_Reel\_160 pcs



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Part number	09 55 266 3816 741
Specification	15p ANG LP M PL1_4-40 nut_Reel_160 pcs
HARTING eCatalogue	https://b2b.harting.com/09552663816741

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

#### 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 2
Connection type	Motherboard to daughtercard
Number of contacts	15
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 x 10 <sup>9</sup> Ω
Contact resistance	≤25 mΩ
Tightening torque	≤0.6 Nm Female screw lock
Limiting temperature	-55 +125 °C (during reflow soldering max. +240 °C for 30 s)
Insertion force	≤50 N
Withdrawal force	≥4.5 N ≤33 N
Performance level	1 acc. to CECC 75301-802
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	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	5713140218895
eCl@ss	27440214 D-Sub coupler