

D-Sub 37-pole MinD ANG female hole nut M



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

Part number	09 67 412 6801
Specification	D-Sub 37-pole MinD ANG female hole nut M
HARTING eCatalogue	https://b2b.harting.com/09674126801

Identification

Category	Connectors
Series	D-Sub
Identification	Standard
Element	Connector
Description of the contact	Turned Angled

Version

Termination method	Wave soldering termination
Gender	Female
Size	D-Sub 4
Connection type	Motherboard to daughtercard
Number of contacts	37
Termination length	3.8 mm
Locking type	Fixing flange with thread M3

Technical characteristics

Distance between rows	2.54 mm
Contact spacing (termination side)	2.77 mm
Flange height	7.3 mm
Rated current	7.5 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm



Pushing Performance
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Technical characteristics

Insulation resistance	$>10^{10} \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	$\leq 0.6 \text{ Nm}$ Female screw lock
Limiting temperature	$-55 \dots +125 \text{ }^{\circ}\text{C}$
Insertion force	$\leq 123 \text{ N}$
Withdrawal force	$\geq 11 \text{ N}$ $\leq 82 \text{ N}$
Performance level	2 acc. to CECC 75301-802
Mating cycles	≥ 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	7.3 mm
Hot plugging	No

Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (PBTP) Shell: steel, tin plated
Colour (insert)	White
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(a) / 6(a)-I: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight / Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight and in batch hot dip galvanised steel components containing up to 0,2 % lead by weight 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



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Material properties

ECHA SCIP number ecef7555-f643-4ceb-a337-fc54762297f1

California Proposition 65 substances Yes

California Proposition 65 substances Lead

Specifications and approvals

Specifications DIN 41652

UL / CSA UL 1977 ECBT2.E102079

Commercial data

Packaging size 25

Country of origin Germany

European customs tariff number 85389099

GTIN 5713140220973

eCl@ss 27440214 D-Sub coupler