



Pushing Performance
Since 1945

37p ANG LP M PL3_M3 SL_Reel_160 pcs



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

Part number	09 55 466 7819 741
Specification	37p ANG LP M PL3_M3 SL_Reel_160 pcs
HARTING eCatalogue	https://harting.com/09554667819741

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 4
Connection type	Motherboard to daughtercard
Number of contacts	37
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	$\leq 123 \text{ N}$
Withdrawal force	$\geq 11 \text{ N}$ $\leq 82 \text{ N}$
Performance level	3
Mating cycles	≥ 50
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

Specifications and approvals

Specifications	DIN 41652
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Specifications and approvals

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	Vietnam
European customs tariff number	85366990
GTIN	5713140219212
ETIM	EC001136
eCl@ss	27440214 D-Sub coupler