

# 37p STR FE PL2\_pin\_M3 SL\_Reel\_140 pcs



Part number	09 55 455 6621 741
Specification	37p STR FE PL2_pin_M3 SL_Reel_140 pcs
HARTING eCatalogue	https://b2b.harting.com/09554556621741

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

#### Identification

Category	Connectors
Series	D-Sub
Identification	Standard
Element	Connector
Description of the contact	Stamped Straight

## Version

Termination method	Reflow soldering termination (SMT)
Gender	Female
Size	D-Sub 4
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	37
PCB fixing	With board locks
Locking type	Fixing flange with fitted screw lock M3
Pack contents	140 pieces on reel

# **Technical characteristics**

Contact spacing (termination side)	2.76 mm
Rated current	5 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	> 5 x 10 <sup>9</sup> Ω

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#### Technical characteristics

Contact resistance	≤25 mΩ
Tightening torque	≤0.4 Nm Locking screw
Limiting temperature	-55 +125 °C (during reflow soldering max. +240 °C for 30 s)
Insertion force	≤123 N
Withdrawal force	≥11 N ≤82 N
Performance level	2 acc. to CECC 75301-802
Mating cycles	≥250
Test voltage U <sub>r.m.s.</sub>	1 kV
Isolation group	Illa (175 ≤ CTI < 400)
PCB thickness	≥1.6 mm
Installation height	6.35 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
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	1,950 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140070691
eCl@ss	27440214 D-Sub coupler

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