

# 37p STR MA PL3\_pin\_4-40 nut\_Reel\_140 pcs



— •	
Part number	09 55 469 7812 741
Specification	37p STR MA PL3_pin_4-40 nut_Reel_140 pcs
HARTING eCatalogue	https://b2b.harting.com/09554697812741

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

## Version

Termination method	Reflow soldering termination (SMT)
Gender	Male
Size	D-Sub 4
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	37
PCB fixing	With board locks
Locking type	Fixing flange with thread 4-40 UNC
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
Contact resistance	≤25 mΩ
Tightening torque	≤0.6 Nm Female screw lock
Limiting temperature	-55 +125 $^\circ\text{C}$ (during reflow soldering max. +240 $^\circ\text{C}$ for 30 s)
Insertion force	≤123 N
Withdrawal force	≥11 N ≤82 N
Performance level	3

Page 1 / 3 | Creation date 2023-02-25 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



#### Technical characteristics

Mating cycles	≥50
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
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	5713140070851

Page 2 / 3 | Creation date 2023-02-25 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany

Product data sheet 09 55 469 7812 741 37p STR MA PL3\_pin\_4-40 nut\_Reel\_140 pcs



Commercial data

eCl@ss

27440214 D-Sub coupler

Page 3 / 3 | Creation date 2023-02-25 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany