Pushing Performance
Since 1945

37p STR FE PL2_pin_M3 nut_Reel_140 pcs



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

Part number	09 55 455 6611 741
Specification	37p STR FE PL2_pin_M3 nut_Reel_140 pcs
HARTING eCatalogue	https://harting.com/09554556611741

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 thread 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 10^9 Ω

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Technical characteristics

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	≤123 N
Withdrawal force	≥11 N ≤82 N
Performance level	2 acc. to CECC 75301-802
Mating cycles	≥250
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa (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	Vietnam
European customs tariff number	85366990
GTIN	5713140070677
eCl@ss	27440214 D-Sub coupler
ETIM	EC001136
UNSPSC 24.0	39121469

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