

M12 PCB female D-coded angled IP20



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

Part number	21 03 381 4434
Specification	M12 PCB female D-coded angled IP20
HARTING eCatalogue	https://b2b.harting.com/21033814434

Identification

Category	Connectors
Series	Circular connectors M12
Identification	PushPull
Element	PCB adapter
Specification	Angled for rear mounting

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Locking type	Screw locking PushPull
Shielding	Shielded
Number of contacts	4
Coding	D-coding

Technical characteristics

Rated current	4 A
Rated voltage	250 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III



Pushing Performance

Technical characteristics

Data rate	10 Mbit/s 100 Mbit/s
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	2 Nm Lock nut
Ambient temperature	-40 ... +85 °C
Mating cycles	≥ 100
Degree of protection acc. to IEC 60529	IP20
Isolation group	I ($600 \leq \text{CTI}$)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e

Specifications and approvals

Specifications	IEC 61076-2-101
PROFINET	Yes

Commercial data

Packaging size	10
Net weight	21.75 g
Country of origin	Romania
European customs tariff number	85366990



Pushing Performance

Commercial data

eCl@ss

27460201 PCB connector (board connector)